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Set	Items	Description
S1	247	AU=(CHEW, C? OR CHEW C? OR PARKER, K? OR PARKER K? OR BAST- IAANSE, E? OR BASTIAANSE E?)
S2	30	AU='CHEW C H'
S3	32	AU='CHEW C H' OR AU='CHEW CHEE H' OR AU='CHEW CHEE HIONG'
S4	28	AU='PARKER K' OR AU='PARKER K L'
S5	59	AU='BASTIAANSEN'
S6	119	S3 OR S4 OR S5
S7	26	S6 AND IC=(G06F? OR G06T? OR G09G?)
S8	26	IDPAT (sorted in duplicate/non-duplicate order)
S9	25	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)

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File 348:EUROPEAN PATENTS 1978-2002/Dec W02

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File 349:PCT FULLTEXT 1979-2002/UB=20021212,UT=20021205

(c) 2002 WIPO/Univentio

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200281

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9/5/1 (Item 1 from file 350)
DIALOG(R)File 350:Derwent WPIX
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014796775 **Image available**
WPI Acc No: 2002-617481/200266
XRPX Acc No: N02-488680

Input interfaces locking method for small computing device, palm-sized PC, involves ignoring input received when specific flag is set

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: PARKER K L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020078393	A1	20020620	US 2000740908	A	20001219	200266 B

Priority Applications (No Type Date): US 2000740908 A 20001219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020078393	A1	9	G06F-001/26	

Abstract (Basic): US 20020078393 A1

NOVELTY - A flag is set to indicate that the user input interfaces are locked, when an internally generated locking signal is received. The input signals are ignored when the flag is set and if the signals do not relate to an unlock signals. The input elements are unlocked if an unlock is received.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Input interfaces locking system;
- (2) Computer program product storing input interfaces locking method.

USE - For selectively locking input interfaces in small computing devices such as handheld or palm-sized personal computer. Also, for computer systems such as desktop PC, laptop or note book PC.

ADVANTAGE - Automatically locks user interface of input elements to avoid negative impact of inadvertently posing an input element, and ignores input signals which does not relate to unlock signal.

DESCRIPTION OF DRAWING(S) - The figure shows a handheld computer having input interface locking device.

pp; 9 DwgNo 1/5

Title Terms: INPUT; INTERFACE; LOCK; METHOD; COMPUTATION; DEVICE; PALM; SIZE; IGNORING; INPUT; RECEIVE; SPECIFIC; FLAG; SET

Derwent Class: T01

International Patent Class (Main): G06F-001/26

International Patent Class (Additional): G06F-001/28 ; G06F-001/30

File Segment: EPI

9/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014652643 **Image available**
WPI Acc No: 2002-473347/200251
XRPX Acc No: N02-373726

Event notification method for users of small computer devices, uses profiles created for various events, each relating to a different mode or situational environment

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: PARKER K L ; VALE P

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1217532	A2	20020626	EP 2001130078	A	20011218	200251 B
US 20020116541	A1	20020822	US 2000741571	A	20001219	200258

Priority Applications (No Type Date): US 2000741571 A 200012

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1217532 A2 E 15 G06F-015/02

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

US 20020116541 A1 G06F-009/46

Abstract (Basic): EP 1217532 A2

NOVELTY - In a small computer device (100) at least one profile of notification events may be stored in memory and displayed on display (112). Each profile relates to a different mode or situational environment, for example office or outside. The device may be placed in a particular mode either manually or automatically and notifies the user of an event according to the associated, active stored profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

1. A computer system for notifying a user of notification events.
2. Software implementing described method.

USE - For providing users with event notification using small, handheld computing devices such as palmtops, pocket computers, personal digital assistants, personal organizers, etc..

ADVANTAGE - The method allows the user to configure sophisticated profiles relating to different modes or expected environment, enabling the user to specify event notification modes corresponding to environment, for example different modes might apply during a meeting or outdoors. The device may be manually placed in a particular mode or automatically placed in a predetermined mode based on a stored calendar event.

DESCRIPTION OF DRAWING(S) - The figure illustrates a small computer device displaying a graphical user interface screen shot incorporating a sound mode icon.

Small computer device ((112) Display. (100)
pp; 15 DwgNo 1/9

Title Terms: EVENT; NOTIFICATION; METHOD; USER; COMPUTER; DEVICE; PROFILE;
VARIOUS; EVENT; RELATED; MODE; ENVIRONMENT

Derwent Class: T01

International Patent Class (Main): G06F-009/46 ; G06F-015/02

File Segment: EPI

9/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014571859 **Image available**

WPI Acc No: 2002-392563/200242

XRPX Acc No: N02-307692

**Input data fetching method for use in palm-size computer, involves
fetching pen events directly or corresponding to selected input process
based on the determined state of input panel**

Patent Assignee: ALTMAN D W (ALTM-I); LUI C E (LUIC-I); PARKER K L (PARK-I)

Inventor: ALTMAN D W; LUI C E; PARKER K L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020011993	A1	20020131	US 99227172	A	19990107	200242 B

Priority Applications (No Type Date): US 99227172 A 19990107

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020011993 A1 35 G09G-005/00

Abstract (Basic): US 20020011993 A1

NOVELTY - The state of an input panel selected by the user, is determined. The received pen events are fetched into a program, if the input panel is in deselected mode. When the input panel is in selected mode, the pen events are fetched according to selected input method.

The text received from the input method are passed to the program.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for application program mode changing method.

USE - For fetching input data into programs in palm-sized computer, handheld computer, laptop/desktop/mainframe computers. Also for mobile telephone, pager and other programmable consumer devices.

ADVANTAGE - The switching of modes is automatic based on the input panel state and visual feedback is provided, hence straight forward approach and intuitive user intervention is only required.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of underlying system architecture.

pp; 35 DwgNo 2/22

Title Terms: INPUT; DATA; FETCH; METHOD; PALM; SIZE; COMPUTER; FETCH; PEN; EVENT; CORRESPOND; SELECT; INPUT; PROCESS; BASED; DETERMINE; STATE; INPUT ; PANEL

Derwent Class: P85; T01

International Patent Class (Main): G09G-005/00

File Segment: EPI; EngPI

9/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013979175 **Image available**

WPI Acc No: 2001-463389/200150

Related WPI Acc No: 2000-302116

XRPX Acc No: N01-343484

Site map locating method for use in distributed environment, involves downloading site map from server using information in the site map at client computer

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; BERKUN S E; CHEW C H ; ELLISON-TAYLOR I M;

RAMASUBRAMANIAN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6175863	B1	20010116	US 96683663	A	19960717	200150 B
			US 98105636	A	19980626	

Priority Applications (No Type Date): US 96683663 A 19960717; US 98105636 A 19980626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6175863	B1	20	G06F-015/163	Div ex application	US 96683663

Abstract (Basic): US 6175863 B1

NOVELTY - A site map distinct from web pages is loaded in server, which holds information about contents of web pages. The client attempted to locate site map at default location. If site map is not located, selected web page is examined for information about site map location used in home web page related to selected web page. The site map is downloaded from server to client at which information in site map is used.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for memory medium.

USE - Used in distributed environment such as internet and also used in vehicles.

ADVANTAGE - Provides a vehicle for integrating search results that are product of a search at one or more web sites into the shell namespace. Provides convenient mechanism for obtaining rating information regarding web pages that indicate whether the web pages are suitable for younger viewers or it contains any offensive content.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart of the method to locate site map file at server.

pp; 20 DwgNo 4/13

Title Terms: SITE; MAP; LOCATE; METHOD; DISTRIBUTE; ENVIRONMENT; SITE; MAP;

SERVE; INFORMATION; SITE; AP; CLIENT; COMPUTER
Derwent Class: T01
International Patent Class (Main): G06F-015/163
File Segment: EPI

9/5/5 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013725796 **Image available**
WPI Acc No: 2001-210026/200121
Related WPI Acc No: 1997-526015; 1998-008302; 1998-239407; 1998-609528;
1999-023715; 1999-044826; 1999-080586; 2000-086246
XRPX Acc No: N01-149966

Computer program transfer method for data processing system, involves
invoking shell extension handler to extend functionality of shell for
object in class of objects for which it is provided

Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: BELFIORE J D; CHEW C H ; GUZAK C J; NAKAJIMA S; PITT G H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6160550	A	20001212	US 94355410	A	19941213	200121 B
			US 98179240	A	19981026	
			US 99392344	A	19990908	

Priority Applications (No Type Date): US 94355410 A 19941213; US 98179240 A
19981026; US 99392344 A 19990908

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6160550	A		21	G06F-013/00	Cont of application US 94355410 Div ex application US 98179240 Div ex patent US 5831606 Cont of patent US 6008806

Abstract (Basic): US 6160550 A

NOVELTY - A shell extension handler is provided for one of the
classes of objects related to an application program to extend the
functionality of the shell in an operating system relative to the class
of objects. The shell extension handler independent of the operating
system, is invoked to extend the functionality of the shell for an
object in the class of objects for which it is provided.

DETAILED DESCRIPTION - Computer executable instructions accessed on
one computer, which when run on a data processing system having the
operating system with the shell, an application program installed under
the operating system and class of objects having an associated object
class identifier, provides the shell extension handler. The computer
executable instructions are transferred to another computer through a
communication medium. An INDEPENDENT CLAIM is also included for
computer program transfer program.

USE - For shell extensions for operating system in data processing
system.

ADVANTAGE - Allows an application developer to customize context
menus, add property sheet pages for objects. Facilitates the
customization of drop behavior and source objects in drag and drop
operations on a per-object type basis.

DESCRIPTION OF DRAWING(S) - The figure shows flow chart of shell
functionality extending method.

pp; 21 DwgNo 2/18

Title Terms: COMPUTER; PROGRAM; TRANSFER; METHOD; DATA; PROCESS; SYSTEM;
INVOKE; SHELL; EXTEND; HANDLE; EXTEND; FUNCTION; SHELL; OBJECT; CLASS;
OBJECT

Derwent Class: T01
International Patent Class (Main): G06F-013/00
File Segment: EPI

9/5/6 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013268998 **Image available**
WPI Acc No: 2000-440904/200038
XRPX Acc No: N00-328929

Deskbar creation method in computer system, involves creating new deskbar containing deskband, when the deskband is not moved to another existing deskbar

Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: CHEW C H ; SHELDON M G; STOAKLEY R W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6072486	A	20000606	US 986345	A	19980113	200038 B

Priority Applications (No Type Date): US 986345 A 19980113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6072486	A	38	G06F-003/00	

Abstract (Basic): US 6072486 A

NOVELTY - An existing deskbar with deskband is displayed in a preset area. In response to reception of indication that deskband has moved out of preset area, it is determined whether deskband has been moved to another existing deskbar and if deskband is not moved to that existing deskbar, a new deskbar containing deskband is created. The deskband is selected from a group including an icon, tool bar and status bar.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for deskbar creation program.

USE - For creating, displaying and manipulating deskbar in graphical operating system, for managing and presenting sets of user interface components for directly accessing data and implementing functions associated with program modules, such as application programs and operating system shells in computer system.

ADVANTAGE - Enables user to use tool bar components and tool bars to perform their standard functions at any time without being required to directly access the specific application program that is associated with the tool bar component or tool bar. Allows user to alter entire sets of deskbars, hence allows users to set preferences like autohide and always on top. The deskbar architecture also makes it easy for developer's to have their band objects displayed in context menu, which makes it easy for users to add the band object to the deskbar. Provides flexible architecture that allows user to directly access key commands and functionality in a context insensitive manner. Facilitates easy extensibility and interoperation of tool bar items associated with multiple application program. Serves as a platform for developers for providing deskbars and deskboards in any application program without designing any intricate detail.

DESCRIPTION OF DRAWING(S) - The figure shows screen display illustrating web browser application window.

pp; 38 DwgNo 20a/22

Title Terms: CREATION; METHOD; COMPUTER; SYSTEM; NEW; CONTAIN; MOVE; EXIST
Derwent Class: T01
International Patent Class (Main): G06F-003/00
File Segment: EPI

9/5/7 (Item 7 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013130245 **Image available**
WPI Acc No: 2000-302116/200026

Related WPI Acc No: 2001-4889
XRPX Acc No: N00-225659

**Indexing of contents of webpages at website in which server stored in
block data holding index information of webpages are download to client
without request by user**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; BERKUN S E; **CHEW C H** ; ELLISON-TAYLOR I M;
RAMASUBRAMANIAN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6038610	A	20000314	US 96683663	A	19960717	200026 B

Priority Applications (No Type Date): US 96683663 A 19960717

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6038610	A	22	G06F-015/163	

Abstract (Basic): US 6038610 A

NOVELTY - In the server computer (30) a block of data, holding index information about the webpages, are stored in a file (34). The block of data are then downloaded to the client (10) without a request by a user. Index information are then extracted and the representation of the index information are stored in the memory of client. The index information is then incorporated in the name-space of the client.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for program for indexing contents of webpages.

USE - For use in Internet to index contents of webpages at client site.

ADVANTAGE - The rating information may be utilized by an application in the web browser to prevent the young users from accessing restricted pages. They also provided clues to adult users on whether or not they wish to access certain webpages.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram explaining the interaction reaction between client and server computer.

Client (10)

Server computer (30)

File (34)

pp; 22 DwgNo 2/13

Title Terms: INDEX; CONTENT; SERVE; STORAGE; BLOCK; DATA; HOLD; INDEX;
INFORMATION; CLIENT; REQUEST; USER

Derwent Class: T01

International Patent Class (Main): **G06F-015/163**

File Segment: EPI

9/5/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012924645 **Image available**

WPI Acc No: 2000-096481/200008

XRPX Acc No: N00-074506

**Method for intelligent automatic searching for resources in a distributed
environment such as the Internet**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; **CHEW C H** ; NAKAJIMA S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6009459	A	19991228	US 97781655	A	19970110	200008 B

Priority Applications (No Type Date): US 97781655 A 19970110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6009459	A	25	G06F-013/00	

Abstract (Basic): US 6009459 A

NOVELTY - A user can specify a uniform resource locator (URL) by typing text into a user interface. The computer determines if the text is a URL. If the text is not a URL the text is examined to determine its context and a search engine is invoked to search the web site to determine the correct URL.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a computer system and a computer-readable medium of automatically selecting a search engine.

USE - For intelligent automatic searching for computer resources in a distributed environment such as the internet.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram illustrating a computing environment suitable for practicing the preferred embodiment of the present invention.

pp; 25 DwgNo 3/13

Title Terms: METHOD; INTELLIGENCE; AUTOMATIC; SEARCH; RESOURCE; DISTRIBUTE; ENVIRONMENT

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/00

File Segment: EPI

9/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012914410 **Image available**

WPI Acc No: 2000-086246/200007

Related WPI Acc No: 1997-526015; 1998-008302; 1998-239407; 1998-609528; 1999-023715; 1999-044826; 1999-080586; 2001-210026

XRPX Acc No: N00-067690

Shell extensions for an operating system such as a data processing system

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; CHEW C H ; GUZAK C J; NAKAJIMA S; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6008806	A	19991228	US 94355410	A	19941213	200007 B
			US 98179240	A	19981026	

Priority Applications (No Type Date): US 94355410 A 19941213; US 98179240 A 19981026

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6008806	A		38	G06F-015/00	Cont of application US 94355410
					Cont of patent US 5831606

Abstract (Basic): US 6008806 A

NOVELTY - Initially, objects in which the shell extending operation and shell extension handlers must be provided within the memory of the computer system are provided (step 30) and the shell extension handlers are then registered in a register (step 32) so that the computer system is aware of the extension handlers and may utilize them. The shell extension handlers are then used to provide the desired shell extension (step 34).

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a computer-readable medium.

USE - Shell extension for an operating system

ADVANTAGE - Allowing customization of functionality of a drop based upon a file object type.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart of the overview of steps performed to extend functionality of an operating system shell according to the preferred embodiment of the present invention.

Object and shell extension handlers (30)

Register shell extension handlers (32)

Use shell extension handler (34)
pp; 38 DwgNo 2/18
Title Terms: SHELL; EXTEND; OPERATE; SYSTEM; DATA; PROCESS; SYSTEM
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/10 (Item 10 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012866085 **Image available**
WPI Acc No: 2000-037918/200003
Related WPI Acc No: 1999-228753; 1999-243363; 1999-243364
XRPX Acc No: N00-028561

Child window controlling method in computer system for transferring
program from one computer to another
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: CHEW C H ; ELLISON-TAYLOR I M; GERY R O; GUZAK C J; KONZEN N;
LANEY S T; PITT G H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5990905	A	19991123	US 94355400	A	19941213	200003 B
			US 95485211	A	19950606	
			US 97890176	A	19970709	

Priority Applications (No Type Date): US 94355400 A 19941213; US 95485211 A
19950606; US 97890176 A 19970709

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 5990905 A 88 G06F-015/00 Cont of application US 94355400
Cont of application US 95485211

Abstract (Basic): US 5990905 A

NOVELTY - An image link object class comprising single graphical image which is composite of several graphical images is created by the application program (28). One graphical image of the image list object is selected from the multiple graphical images and displayed on the video display (18).

DETAILED DESCRIPTION - An image link object class is provided by the operating system (24) for creating instances of image link objects. Several graphical images are provided, to the image link object, by the application program. More images are added to the image link object by the object system. An INDEPENDENT CLAIM is also included for program for child window control.

USE - In computer system for transferring program from one computer to another through a communication medium.

ADVANTAGE - The associated control is displayed by using system resource. The control system need not be implemented as part of an operating system but as a separate system resource.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of the computer system.

Video display (18)
Operating system (24)
Application program (28)
pp; 88 DwgNo 1/22

Title Terms: CHILD; WINDOW; CONTROL; METHOD; COMPUTER; SYSTEM; TRANSFER;
PROGRAM; ONE; COMPUTER
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/11 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX

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012840321 **Image available**
WPI Acc No: 2000-012153/200001
Related WPI Acc No: 1999-023713
XRPX Acc No: N00-009367

Hierarchical display control method in data processing system

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BOGDAN J L; **CHEW C H** ; GUZAK C J; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5977971	A	19991102	US 94355408	A	19941213	200001 B
			US 97886777	A	19970701	
			US 98134804	A	19980814	

Priority Applications (No Type Date): US 94355408 A 19941213; US 97886777 A 19970701; US 98134804 A 19980814

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5977971	A		60	G06F-003/00	Cont of application US 94355408
					Cont of application US 97886777
					Cont of patent US 5838319

Abstract (Basic): US 5977971 A

NOVELTY - A child window control is provided as a system resource for use by application programs to display list of items as hierarchical tree. Using child window control by the corresponding application programs, the list of items is displayed partially as hierarchical tree.

USE - In data processing system.

ADVANTAGE - Avoids need for allocating extra memory for label and hence enables user to perform in-place editing of label of one of the items in hierarchical tree.

DESCRIPTION OF DRAWING(S) - The figure shows illustrative use diagram of tree view control.

pp; 60 DwgNo 2/12

Title Terms: HIERARCHY; DISPLAY; CONTROL; METHOD; DATA; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): **G06F-003/00**

File Segment: EPI

9/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012773898 **Image available**
WPI Acc No: 1999-580125/199949
XRPX Acc No: N99-428305

User input system for computer system having graphical windowing environment

Patent Assignee: MICROSOFT CORP (MICT); BLUM J R (BLUM-I); PARKER K L (PARK-I); TOEPKE M G (TOEP-I)

Inventor: BLUM J R; **PARKER K L** ; TOEPKE M G

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9931571	A1	19990624	WO 98US26683	A	19981216	199949 B
EP 1040406	A1	20001004	EP 98963950	A	19981216	200050
			WO 98US26683	A	19981216	
JP 2002508559	W	20020319	WO 98US26683	A	19981216	200222
			JP 2000539403	A	19981216	
US 20020105504	A1	20020808	US 97991277	A	19971216	200254
			US 200272111	A	20020208	

Priority Applications (No Type Date): US 97991277 A 19971216; US 200272111

A 20020208

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9931571 A1 E 45 G06F-003/033

Designated States (National): CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

EP 1040406 A1 E G06F-003/033 Based on patent WO 9931571

Designated States (Regional): DE FR GB

JP 2002508559 W 52 G06F-003/00 Based on patent WO 9931571

US 20020105504 A1 G09G-005/00 Cont of application US 97991277

Abstract (Basic): WO 9931571 A1

NOVELTY - A touch-sensitive screen is used for displaying images and detecting user contact or proximity with the display. A management component is connected to the graphical windowing environment, and creates an input panel window for display on the screen.

DETAILED DESCRIPTION - A touch sensitive display screen (32) displays images and detects user activity. A management component (58) connects to the graphical windowing environment (60) to create an input panel window for display on the screen. An input method (64) which may be a COM object is selected from multiple input methods available, and installed such that the input method (64) can call functions of the management component (58). INDEPENDENT CLAIMS are included for; a method for receiving user input into a computer system having a graphical windowing environment; a system for receiving user data into a number of applications of a computer system; a method for inputting user data into a mobile computer to be used by an application; a method for providing a user interface in a computer system for receiving user input.

USE - Entering user data into a computer system using touch sensitive input mechanisms.

ADVANTAGE - A number of applications can receive user input from a common input method, while interchangeable methods may be selected from among a set for each application.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram representing components and connections for implementing interchangeable input panels of the invention.

Keyboard (36)

Management component (58)

Graphical windowing environment (60)

Input method (64)

pp; 45 DwgNo 2/8

Title Terms: USER; INPUT; SYSTEM; COMPUTER; SYSTEM; GRAPHICAL; ENVIRONMENT

Derwent Class: P85; T01; T04

International Patent Class (Main): G06F-003/00 ; G06F-003/033 ;

G09G-005/00

International Patent Class (Additional): G06F-003/023 ; H03M-011/04

File Segment: EPI; EngPI

9/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012624372 **Image available**

WPI Acc No: 1999-430476/199936

XRPX Acc No: N99-320488

Displaying times and corresponding event sin calendar of personal digital assistant

Patent Assignee: MICROSOFT CORP (MICR-N); MICROSOFT CORP (MICT)

Inventor: KEYSER G A; MCDEVITT M; PARKER K L ; SKORUPA S A; KEYSER G

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9935601	A1	19990715	WO 99US280	A	19990107	199936 B
EP 1062607	A1	20001227	EP 99902078	A	19990107	200102

			WO 99US280	A	19990107	
US 6266295	B1	20010724	US 9888360	P	19980107	200146
			US 9853335	A	19980401	
JP 2002505455	W	20020219	WO 99US280	A	19990107	200216
			JP 2000527905	A	19990107	

Priority Applications (No Type Date): US 9853335 A 19980401; US 984045 A 19980107; US 9888360 P 19980107

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9935601	A1	E	48	G06F-017/60	
Designated States (National): CA JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 1062607	A1	E		G06F-017/60	Based on patent WO 9935601
Designated States (Regional): DE FR GB					
US 6266295	B1			G04B-019/24	Provisional application US 9888360
JP 2002505455	W		46	G06F-015/02	Based on patent WO 9935601

Abstract (Basic): WO 9935601 A1

NOVELTY - The event display (50) is configured like a calendar with the days listed by month and year and graphically displayed. These can be scrolled through using a year (54) and month (56) scroll bar in the top of the screen. Each day has the analog representation of a clock face (70, 72) with contrasting light and dark sections to indicate the time of the event.

USE - For the event display of personal information manger program running on a personal digital assistant (PDA).

ADVANTAGE - Can show useful information at single glance on a small display in easily understandable way.

DESCRIPTION OF DRAWING(S) - The drawing shows the display of the scheduled events on the screen of the PDA.

Event display (50)
Year (54)
Month (56)
Clock face (70, 72)
pp; 48 DwgNo 6/11

Title Terms: DISPLAY; TIME; CORRESPOND; EVENT; CALENDAR; PERSON; DIGITAL; ASSIST

Derwent Class: T01

International Patent Class (Main): G04B-019/24; G06F-015/02 ; G06F-017/60

International Patent Class (Additional): G06F-003/00

File Segment: EPI

9/5/14 (Item 14 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012437256 **Image available**
WPI Acc No: 1999-243364/199920
Related WPI Acc No: 1999-228753; 1999-243363; 2000-037918
XRPX Acc No: N99-181101

Child window control method for data processing system

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: CHEW C H ; ELLISON-TAYLOR I M; GERY R O; GUZAK C J; KONZEN N; LANEY S T; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5889522	A	19990330	US 94355400	A	19941213	199920 B

Priority Applications (No Type Date): US 94355400 A 19941213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5889522	A		96	G06F-015/00	

Abstract (Basic): US 5889522 A

NOVELTY - A tab control image provided on the display is superimposed on top of other tab control images within the window, such that the tab control image, application parameters and tabs of other images are viewable in the control window.

DETAILED DESCRIPTION - The control window associated with the application program (28) is displayed on the display (18). The tab control class predefined by the operating system, provides information to the application program. The tab control class includes several tab control images each defining a page having a tab. Each page displays application parameters from the application program which instantiates the tab control class.

USE - For microsoft windows operating system.

ADVANTAGE - A code is provided for implementing a header bar control, tab control, hot key control, hence sufficient number of controls are provided.

DESCRIPTION OF DRAWING(S) - The figure represents block diagram of computer system.

Display (18)

Application program (28)

pp; 96 DwgNo 1/22

Title Terms: CHILD; WINDOW; CONTROL; METHOD; DATA; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

9/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012437255 **Image available**

WPI Acc No: 1999-243363/199920

Related WPI Acc No: 1999-228753; 1999-243364; 2000-037918

XRPX Acc No: N99-181100

Child window controlling method for application programs

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: CHEW C H ; ELLISON-TAYLOR I M; GERY R O; GUZAK C J; KONZEN N;

LANEY S T; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5889521	A	19990330	US 94355400	A	19941213	199920 B
			US 97911668	A	19970814	

Priority Applications (No Type Date): US 94355400 A 19941213; US 97911668 A 19970814

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5889521	A	97	G06F-015/00	Div ex application US 94355400

Abstract (Basic): US 5889521 A

NOVELTY - The application program invokes the header control system resource, having header control window with header items, to create header control for application program to output header control window in application program window. The header control divides the application program window into multiple sections corresponding to header items.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for child window controller.

USE - For application program of computer. The child window is used as input device for parent window.

DESCRIPTION OF DRAWING(S) - The figure is the flowchart illustrating the steps that are performed to use the header control.

pp; 97 DwgNo 3/22

Title Terms: CHILD; WINDOW; CONTROL; METHOD; APPLY; PROGRAM

Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012422647 **Image available**
WPI Acc No: 1999-228755/199919
Related WPI Acc No: 1998-032092
XRPX Acc No: N99-169248

Data transfer method in computer system
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: BELFIORE J D; CHEW C H ; GUZAK C J; LEVIEN R A; MALAMUD M A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5886699	A	19990323	US 94354586	A	19941213	199919 B
			US 95566884	A	19951116	
			US 97903213	A	19970721	

Priority Applications (No Type Date): US 94354586 A 19941213; US 95566884 A 19951116; US 97903213 A 19970721

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5886699	A		22	G06F-015/00	Cont of application US 94354586 Cont of application US 95566884 Cont of patent US 5694563

Abstract (Basic): US 5886699 A

NOVELTY - An indication is displayed corresponding to each file system destination, which is selected based on user input constituting a send command. The selected data is transferred to the filesystem destination whose indication is selected, after its conversion to suitable format.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (a) data transfer apparatus;
- (b) computer readable medium.

USE - In computer system.

ADVANTAGE - Prompts user to automatically add frequently used destinations to common destruction list. Enables specification of designation for object transfer using common destination list.

DESCRIPTION OF DRAWING(S) - The figure shows flow chart showing process of source object transfer to destination object.

pp; 22 DwgNo 3/6

Title Terms: DATA; TRANSFER; METHOD; COMPUTER; SYSTEM
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012422645 **Image available**
WPI Acc No: 1999-228753/199919
Related WPI Acc No: 1999-243363; 1999-243364; 2000-037918
XRPX Acc No: N99-169246

Hot key combination control generating method for application program execution in computer system
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: CHEW C H ; ELLISON-TAYLOR I M; GERY R O; GUZAK C J; KONZEN N; LANEY S T; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5886695	A	19990323	US 94355400	A	19941213	199919 B
			US 97911670	A	19970814	

Priority Applications (No Type Date): US 94355400 A 19941213; US 97911670 A 19970814

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5886695	A		97	G06F-015/00	Div ex application US 94355400

Abstract (Basic): US 5886695 A

NOVELTY - A hot key control for an application program is created. A user assigns key combinations to application program functions through hot key control. Upon inputting the key combination, a relevant function is executed.

DETAILED DESCRIPTION - A hot key control system resource is provided by the OS to create hot key control for an application program. An user input is accepted by a hot key control window. The user can view and assign key combinations to application program functions through the hot key control. If the user selected key combination is detected in the input device, the relevant function is executed.

USE - For computer networks and data processing systems.

ADVANTAGE - New varieties of child window control ensures beneficial usage of system resources. TABS that differentiate amongst pages in user interfaces of application program are established by tab control. Image list data type is defined and functions are provided for manipulating image list data type. Multiple like-sized images are efficiently stored in single bitmap. Number of controls and their functional range are enlarged.

DESCRIPTION OF DRAWING(S) - The drawing illustrates use of hot key control.

pp; 97 DwgNo 7/22

Title Terms: HOT; KEY; COMBINATION; CONTROL; GENERATE; METHOD; APPLY; PROGRAM; EXECUTE; COMPUTER; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

9/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012217607 **Image available**

WPI Acc No: 1999-023713/199902

Related WPI Acc No: 2000-012153

XRPX Acc No: N99-018212

Hierarchical item display control method in computer system - involves making two application programs to use subwindow control so as to display atleast portion of two lists of items

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BOGDAN J L; CHEW C H ; GUZAK C J; PITT G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5838319	A	19981117	US 94355408	A	19941213	199902 B
			US 97886777	A	19970701	

Priority Applications (No Type Date): US 94355408 A 19941213; US 97886777 A 19970701

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5838319	A		59	G06F-003/00	Cont of application US 94355408

Abstract (Basic): US 5838319 A

The method involves providing a subwindow control as a system

resource that is used two application programs to display a list of items as a hierarchical tree on a video display unit (19). The subwindow control is used by the two application programs so as to display atleast a portion of two lists of items as hierarchical tree.

ADVANTAGE - Reduces time involved in displaying items in hierarchical fashion.

Dwg.1/12

Title Terms: HIERARCHY; ITEM; DISPLAY; CONTROL; METHOD; COMPUTER; SYSTEM; TWO; APPLY; PROGRAM; CONTROL; SO; DISPLAY; PORTION; TWO; LIST; ITEM

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

9/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011931011 **Image available**

WPI Acc No: 1998-347921/199830

XRPX Acc No: N98-271611

New file system object creating method in computer system - involves storing reference to created new file system in current location within file system hierarchy

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; CHEW C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5764983	A	19980609	US 95554489	A	19951107	199830 B

Priority Applications (No Type Date): US 95554489 A 19951107

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5764983	A		34	G06F-009/00	

Abstract (Basic): US 5764983 A

The method involves displaying a list of types of file system objects via a graphical user interface. The input indicating that a user has selected a displayed file system object type is received via the graphical user interface.

A new file system object having the selected type is created. A reference to the created new file system object is stored in the current location within the file system hierarchy.

ADVANTAGE - Enables user to modify object creation table to add or delete entries.

Dwg.3/13

Title Terms: NEW; FILE; SYSTEM; OBJECT; METHOD; COMPUTER; SYSTEM; STORAGE; REFERENCE; NEW; FILE; SYSTEM; CURRENT; LOCATE; FILE; SYSTEM; HIERARCHY

Derwent Class: T01

International Patent Class (Main): G06F-009/00

File Segment: EPI

9/5/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011614964 **Image available**

WPI Acc No: 1998-032092/199803

Related WPI Acc No: 1999-228755

XRPX Acc No: N98-025852

Transferring data to common destinations using common destination list - displaying list of potential file-system destinations to which file-system object is transferred, selecting potential destinations for display, based on frequency with which file-system destinations were specified in file-system transfers

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BELFIORE J D; **CHEW C H** ; GUZAK C J; LEVIEN R A; MALAMUD M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5694563	A	19971202	US 94354586	A	19941213	199803 B
			US 95566884	A	19951116	

Priority Applications (No Type Date): US 94354586 A 19941213; US 95566884 A 19951116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5694563	A		24	G06F-015/00	Cont of application US 94354586

Abstract (Basic): US 5694563 A

A user uses a software facility that is integrated into an operating system to transfer source objects using a list of common transfer destinations. By selecting a source object and issuing a transfer command, the user causes the facility to display in conjunction with the source object a list of common transfer destinations - common destination list. When the user selects a destination from the common destination list, the facility initiates a transfer of the source object to the selected destination.

The destinations contained in the common destination list are customisable by the user in a straightforward manner. The facility monitors object transfers that the user specifies using other techniques, such as drag and drop, and prompts the user to automatically add frequently-used destinations to the common destination list.

ADVANTAGE - Allows manual customisation for object transfer using common destination list.

Dwg.2D/6

Title Terms: TRANSFER; DATA; COMMON; DESTINATION; COMMON; DESTINATION; LIST ; DISPLAY; LIST; POTENTIAL; FILE; SYSTEM; DESTINATION; FILE; SYSTEM; OBJECT; TRANSFER; SELECT; POTENTIAL; DESTINATION; DISPLAY; BASED; FREQUENCY; FILE; SYSTEM; DESTINATION; SPECIFIED; FILE; SYSTEM; TRANSFER

Derwent Class: T01

International Patent Class (Main): **G06F-015/00**

File Segment: EPI

9/5/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011549534 **Image available**

WPI Acc No: 1997-526015/199748

Related WPI Acc No: 1998-008302; 1998-239407; 1998-609528; 1999-023715; 1999-044826; 1999-080586; 2000-086246; 2001-210026

XRPX Acc No: N97-438423

Shell extensions for data processing system including video display - uses copy book handler for receiving indication of whether requested specified file system operation should be performed on selected file system object

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: **CHEW C H** ; GUZAK C J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5680559	A	19971021	US 94355410	A	19941213	199748 B
			US 95480573	A	19950607	

Priority Applications (No Type Date): US 94355410 A 19941213; US 95480573 A 19950607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5680559	A		71	G06F-015/00	Div ex application US 94355410

Abstract (Basic): US 5680559 A

A data processing method comprising the steps of providing a copy-hook handler to be called when a request to perform a file system operation on a selected one of the file system objects is received by the operating system, the handler indicating whether the file system operation should be performed on the selected file system object.

In response to a request to perform a specified system operation on the selected file system object, the handler is called to receive an indication of whether the specified file system operation should be performed on the selected file system object, and using the indication received from the handler to determine whether to perform the specified file system operation on the selected file system object.

USE/ADVANTAGE - For a data processing system having a video display and an operating system that includes a file system for performing file system operations on file system objects. Enables customisation of drag-and-drop operation drop functionality as based on a file object type.

Dwg.12/18

Title Terms: SHELL; EXTEND; DATA; PROCESS; SYSTEM; VIDEO; DISPLAY; COPY; BOOK; HANDLE; RECEIVE; INDICATE; REQUEST; SPECIFIED; FILE; SYSTEM; OPERATE; PERFORMANCE; SELECT; FILE; SYSTEM; OBJECT

Derwent Class: T01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-007/00

File Segment: EPI

9/5/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011535644 **Image available**

WPI Acc No: 1997-512125/199747

Related WPI Acc No: 1997-332325

XRPX Acc No: N97-426393

**Accessbar arbitration method for video display on data processing system
- using computer program causing video display to display managed screen
objects that is managed by computer program, with arbiter arbitrating
requests for locations**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: CHEW C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5678034	A	19971014	US 95468653	A	19950606	199747 B
			US 96733522	A	19961018	

Priority Applications (No Type Date): US 95468653 A 19950606; US 96733522 A 19961018

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5678034	A		30	G06F-015/00	Cont of application US 95468653

Abstract (Basic): US 5678034 A

The method comprises sending request to arbiter for a proposed location on the video display for the managed screen object, receiving an indication from the arbiter indicating whether the arbiter determines to display the managed screen object at the proposed location or at an alternative location, requesting the computer system to display the managed screen object at the proposed location on the video display when the received indication indicates that the arbiter is determined to display the managed screen object at the proposed location. The computer system requests to display the managed screen object at the alternative location on the video display when the received indication indicates that the arbiter is determined to display the managed screen object at the alternative location.

Screen objects have attributes, so the method further includes receiving a notification from the arbiter that an attribute of one of the screen objects displayed on the video display has been modified, sending a request to the arbiter for a new location on the video display for the managed screen object, receiving the new location from the arbiter, and requesting the computer system to display the managed screen object at the new location on the video display.

USE - Resolves conflicting requests from screen objects for locations on video display, governs behaviour of screen objects to prevent one screen object from negatively affecting another screen object.

ADVANTAGE - Arbiter can be used with accessbars different from those depicted and can arbitrate among types of screen objects other than accessbars. Provides centralised mechanism for governing accessbar location and behaviour by receiving requests for proposed locations and by granting the requests if the proposed locations would not conflict with another accessbar.

Dwg.1/6

Title Terms: ARBITER; METHOD; VIDEO; DISPLAY; DATA; PROCESS; SYSTEM;
COMPUTER; PROGRAM; CAUSE; VIDEO; DISPLAY; DISPLAY; SCREEN; OBJECT;
COMPUTER; PROGRAM; ARBITER; ARBITER; REQUEST; LOCATE
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/23 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011354418 **Image available**

WPI Acc No: 1997-332325/199730

Related WPI Acc No: 1997-512125

XRPX Acc No: N97-275888

Method of managing accessbars on video display of data processing system
- involves determining alternative location on video display at which to display selected screen object with arbiter, when arbiter makes determination not to display selected screen object at proposed location

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: CHEW C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5640498	A	19970617	US 95468653	A	19950606	199730 B

Priority Applications (No Type Date): US 95468653 A 19950606

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5640498	A		39	G06F-015/00	

Abstract (Basic): US 5640498 A

The method involves receiving a request from a computer program at an arbiter containing a proposed location to display a selected screen object on a video display. Whether to display the selected screen object at the proposed location based on the criteria is determined with the arbiter. When the arbiter makes a determination to display the selected screen object at the proposed location, the video display is caused to display the selected screen object at the proposed location by the computer program. When the arbiter makes a determination not to display the selected screen object at the proposed location, an alternative location on the video display at which to display the selected screen object is determined with the arbiter. The video display is causing to display the selected screen object at the alternative location by the computer program.

ADVANTAGE - Governs behaviour screen object so as to prevent one screen object from affecting another screen object.

Dwg.1/6

Title Terms: METHOD; MANAGE; VIDEO; DISPLAY; DATA; PROCESS; SYSTEM;
DETERMINE; ALTERNATIVE; LOCATE; VIDEO; DISPLAY; DISPLAY; SELECT; SCREEN;
OBJECT; ARBITER; ARBITER; DETERMINE; DISPLAY; SELECT; SCREEN; OBJECT;
PROPOSED; LOCATE
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/24 (Item 24 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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010782788 **Image available**
WPI Acc No: 1996-279741/199629
XRPX Acc No: N96-235217

Video display method in computer system with mouse - outputting window on display so that it cannot be obscured by other windows, and using sub-element for each application having active window in computer system indicating to user which applications have active windows

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: BELFIORE J D; BOGDAN J L; CHEW C H ; ELLISON-TAYLOR I M; MALAMUD M A; ORAN D P; SULLIVAN K D
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 717344	A1	19960619	EP 95119578	A	19951212	199629 B
JP 8255066	A	19961001	JP 95350678	A	19951213	199649
US 5757371	A	19980526	US 94354916	A	19941213	199828
			US 95478490	A	19950607	
			US 95572725	A	19951214	
US 5920316	A	19990706	US 94354916	A	19941213	199933
			US 95478490	A	19950607	
			US 95572725	A	19951214	
			US 97963846	A	19971104	
EP 717344	B1	20011031	EP 95119578	A	19951212	200169
DE 69523543	E	20011206	DE 623543	A	19951212	200203
			EP 95119578	A	19951212	

Priority Applications (No Type Date): US 94354916 A 19941213; US 95478490 A 19950607; US 95572725 A 19951214; US 97963846 A 19971104

Cited Patents: 2.Jnl.Ref; DE 3618256; EP 483777; FR 2693810; WO 9429793

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 717344	A1	E	50	G06F-003/033	
					Designated States (Regional): DE FR GB
JP 8255066	A		121	G06F-003/14	
US 5757371	A			G06F-015/00	Cont of application US 94354916 Cont of application US 95478490
US 5920316	A			G06F-015/00	Cont of application US 94354916 Cont of application US 95478490 Cont of application US 95572725 Cont of patent US 5757371
EP 717344	B1	E		G06F-003/033	
					Designated States (Regional): DE FR GB
DE 69523543	E			G06F-003/033	Based on patent EP 717344

Abstract (Basic): EP 717344 A

The method outputs a user interface element, a window, on the video display (18) such that window cannot be obscured by other windows. The window includes a sub-element for each application having an active window in the computer system indicating to the user of the system which applications currently have active windows.

One of the applications is selected to display its non-minimised window by manipulating the sub-element for the selected application in response the user using the mouse (14) on the element. The mouse has one or more buttons and manipulates a cursor on the video display, and

the application is selected by pointing the cursor at the sub-element for the selected application and clicking the mouse button.

USE/ADVANTAGE - Relates to use of task-bar with start window in Windows '95 data processing system. Removes difficulties encountered by novice users of Microsoft Windows Version 3.1 (RTM) when double clicking mouse to access application and other icons.

Dwg.1/33

Title Terms: VIDEO; DISPLAY; METHOD; COMPUTER; SYSTEM; MOUSE; OUTPUT; WINDOW; DISPLAY; SO; OBSCURE; WINDOW; SUB; ELEMENT; APPLY; ACTIVE; WINDOW ; COMPUTER; SYSTEM; INDICATE; USER; APPLY; ACTIVE; WINDOW

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/033 ; G06F-003/14 ; G06F-015/00

File Segment: EPI

9/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010493527 **Image available**

WPI Acc No: 1995-394847/199551

XRPX Acc No: N95-287929

Accessing communication system subscriber information - transmitting subscriber name to database where search is conducted to find corresp. telephone number which is then transmitted back to enquiring substation

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: CHEW C H

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2289826	A	19951129	GB 959698	A	19950512	199551 B
BR 9502541	A	19951226	BR 952541	A	19950525	199609
CN 1122981	A	19960522	CN 95106674	A	19950525	199746
MX 9502267	A1	19970201	MX 952267	A	19950518	199818

Priority Applications (No Type Date): US 94249569 A 19940526

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2289826	A		19	H04M-003/50	
BR 9502541	A			H04L-012/16	
CN 1122981	A			H04M-011/00	
MX 9502267	A1			H04M-001/00	

Abstract (Basic): GB 2289826 A

The method for accessing a database in a communication controller involves a first subscriber transmitting at least part of the subscriber name affiliated with a second subscriber communication unit with whom he would like to communicate. The subscriber communication unit receives a subscriber ID affiliated with the subscriber units.

Pref., the communication controller sends a subscriber name not listed indicator when the subscriber name is not in the database. The subscriber ID is received for several subscribers from the communication controller when the subscriber ID of those affiliated with another one of the communication units, is successfully determined from the database.

USE/ADVANTAGE - Fast and simple access to electronic subscriber databases. Does not require direct access to computer.

Dwg.1/4

Title Terms: ACCESS; COMMUNICATE; SYSTEM; SUBSCRIBER; INFORMATION; TRANSMIT ; SUBSCRIBER; NAME; DATABASE; SEARCH; CONDUCTING; FINDER; CORRESPOND; TELEPHONE; NUMBER; TRANSMIT; BACK; SUBSTATION

Derwent Class: W01

International Patent Class (Main): H04L-012/16; H04M-001/00; H04M-003/50; H04M-011/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI

Set	Items	Description
S1	17554	(USER? OR CLIENT? OR PATRON? OR VISITOR? OR SUBSCRIBER? OR NETIZEN? OR CLIENTELE OR CLIENTELLE OR PERSON? OR MEMBER) (2N) - (SESSION? OR INTERVAL OR TIME? OR PERIOD)
S2	6942	(TIME? OR DATE OR DAY) (2N) (STAMP? OR MARK?) OR DATEMARK? OR TIMESTAMP? OR DATESTAMP?
S3	236500	IDLE OR IDLES OR IDLING OR INACTIVE OR INERT OR INOPERATIVE OR UNUSED
S4	6154730	INTERACT? OR CONNECT? OR COMMUNICAT? OR INTERFACE? OR CONTACT? OR REACH? OR MEET? OR JOIN? OR BOUND?
S5	4164121	DETERMIN? OR CHOOS? OR DECID? OR RESOLV? OR ASCERTAIN? OR - SPECIF? OR DESIGNAT? OR STIPULAT? OR SIGNIF? OR INDICAT? OR DETECT? OR RECOGNI?
S6	3452356	END OR ENDING OR CEASE? OR CEASING OR CESSAT? OR CLOSE OR - CLOSING OR CLOSURE OR CONCLU? OR FINISH? OR STOP? OR TERMINAT?
S7	748193	START? OR ARISE? OR BEGIN? OR COMMENC? OR ORIGINAT?
S8	102	S1 AND S2
S9	14	S8 AND S6
S10	12	S8 AND S7
S11	4023	S1 AND S6
S12	1455476	S5 AND (S3 OR S4)
S13	183951	S5 (3N) (S3 OR S4)
S14	87	S11 AND S13
S15	2103	S1 AND S7
S16	12	S15 AND S2
S17	99	S14 OR S16
S18	25	S17 AND IC=G06F?
S19	25	IDPAT (sorted in duplicate/non-duplicate order)
S20	25	IDPAT (primary/non-duplicate records only)
S21	1	S17 AND MC=T01-C08
S22	0	S21 NOT S20

File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)

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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200281

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20/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014814822 **Image available**
WPI Acc No: 2002-635528/200268
Related WPI Acc No: 2002-655456; 2002-740201
XRPX Acc No: N02-502055

Interactive behavior-based communication system for online gaming sessions, has content database that stores contents to user for dynamically modify communication session based on determined response from matching engine

Patent Assignee: CARDE M W (CARD-I); SHAW V M (SHAW-I)

Inventor: CARDE M W; SHAW V M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020083179	A1	20020627	US 2000203761	A	20000512	200268 B
			US 2000746396	A	20001221	

Priority Applications (No Type Date): US 2000203761 P 20000512; US 2000746396 A 20001221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020083179	A1	11	G06F-015/16	Provisional application	US 2000203761

Abstract (Basic): US 20020083179 A1

NOVELTY - A behavior monitor (16) detects the specific behavior and actions of user during a communication session. A server (18) receives the detected data and transmits to a behavior matching engine (22) which matches the data to a defined behaviors and actions in order to detect appropriate dynamic response. A content database (26) stores contents to user to dynamically modify the communication session based on the determined response.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Interactive behavior-based e-game system;
- (2) Interactive behavior-based method of **personalizing** on-line session ; and
- (3) Interactive behavior-based method of **personalizing** e-game session .

USE - Interactive behavior-based communication system for online gaming sessions and also applicable to localized systems.

ADVANTAGE - Enhances overall user experience, as the communication session is dynamically modified based on the user behavior and actions detected in real-time. The game engine alters the game play to make it more satisfying and confirming to the **end** user behavior and expectations.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the interactive behavior-based system.

Behavior monitor (16)
Transaction server (18)
Behavior matching engine (22)
Content database (26)
pp; 11 DwgNo 1/4

Title Terms: INTERACT; BEHAVE; BASED; COMMUNICATE; SYSTEM; GAME; SESSION; CONTENT; DATABASE; STORAGE; CONTENT; USER; DYNAMIC; MODIFIED; COMMUNICATE ; SESSION; BASED; DETERMINE; RESPOND; MATCH; ENGINE

Derwent Class: P36; T01; W04

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): A63F-009/24; A63F-013/00;

G06F-015/173 ; G06F-017/00 ; G06F-019/00

File Segment: EPI; EngPI

20/5/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX

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014785929 **Image available**

WPI Acc No: 2002-606635/200265

XRPX Acc No: N02-480309

Vehicle navigation system operation method involves running game program on navigation system, that uses data from geographic database to conduct game session and to display road sign information

Patent Assignee: NAVIGATION TECHNOLOGIES CORP (NAVI-N)

Inventor: PAULAUSKAS C; PAULAUSKAS T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6401033	B1	20020604	US 2000654556	A	20000901	200265 B

Priority Applications (No Type Date): US 2000654556 A 20000901

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6401033	B1		16	G06F-017/00	

Abstract (Basic): US 6401033 B1

NOVELTY - A game program is run on the vehicle navigation system upon receiving user input. The game program uses data from a geographic database (72) to conduct a game **session** through a **user interface** (31). The data **indicating** position of the navigation system is provided to the game program, and the information about a road-side sign **close** to the position is indicated as a portion of the game session.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for vehicle navigation system.

USE - For operating vehicle navigation system (claimed).

ADVANTAGE - Improves a driving experience by entertaining the driver or passenger while traveling.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the vehicle navigation system.

User interface (31)

Geographic database (72)

pp; 16 DwgNo 1/8

Title Terms: VEHICLE; NAVIGATION; SYSTEM; OPERATE; METHOD; RUN; GAME; PROGRAM; NAVIGATION; SYSTEM; DATA; GEOGRAPHICAL; DATABASE; CONDUCTING; GAME; SESSION; DISPLAY; ROAD; SIGN; INFORMATION

Derwent Class: P36; S02; T01; W04; X22

International Patent Class (Main): **G06F-017/00**

International Patent Class (Additional): A63F-009/24; G01C-021/00

File Segment: EPI; EngPI

20/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014747424 **Image available**

WPI Acc No: 2002-568128/200261

XRPX Acc No: N02-449773

Controlling time a user spends connected to data communication network by comparing connection time to table containing times predetermined according to age

Patent Assignee: GESTWEB SPA (GEST-N)

Inventor: VINATI F; VINATI M; VINATI S

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1225743	A1	20020724	EP 2001113554	A	20010613	200261 B
US 20020099836	A1	20020725	US 2001880140	A	20010614	200261

Priority Applications (No Type Date): IT 2001MI113 A 20010122

Patent Details:

Patent No Kind Lan Pg Ma IPC Filing Notes
EP 1225743 A1 E 9 H04L-029/06
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
US 20020099836 A1 G06F-015/16

Abstract (Basic): EP 1225743 A1

NOVELTY - A connection step, 20, is followed by a step 21, for determining the user profile, followed by a step 23 for determining if the user is a minor or not. If not, the process moves to an adult step 5, otherwise an age group calculation step 8 is performed using a table of predefined connection times, before the connection time is calculated, step 24 and it is **determined** if the **connection** time is shorter or longer, step 25, than that predefined in the table. If yes, the connection is **terminated**, step 27, otherwise it is continued, step 26.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a device for controlling **time** a **user** spends connected to the Internet.

USE - Controlling time spent accessing the Internet.

ADVANTAGE - Setting maximum connection time allowed according to user profile.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart of the method.

pp; 9 DwgNo 2/3

Title Terms: CONTROL; TIME; USER; CONNECT; DATA; COMMUNICATE; NETWORK;

COMPARE; CONNECT; TIME; TABLE; CONTAIN; TIME; PREDETERMINED; ACCORD; AGE

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16 ; H04L-029/06

File Segment: EPI

20/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014559331 **Image available**

WPI Acc No: 2002-380034/200241

Advertising method using internet

Patent Assignee: KIM D Y (KIMD-I)

Inventor: KIM D Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001110951	A	20011215	KR 200039171	A	20000708	200241 B

Priority Applications (No Type Date): KR 200031885 A 20000609

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001110951 A 1 G06F-017/60

Abstract (Basic): KR 2001110951 A

NOVELTY - An advertising method using Internet is provided to obtain remarkably high advertising effects by netizens freely surfing on advertising sites and participating in lottery events through sub-categories preset by the Internet advertising sites.

DETAILED DESCRIPTION - When the netizen inputs the ID and password, the computer server of the Internet advertising web site **recognizes** the **connection** of the netizen and transmits(a300) plural URLs(Uniform Resource Locator) and other data indicating particular sub-categories of the plural advertises' web sites at a **time**. The **netizen** clicks(a400) one of the plural web site banner advertisements with a mouse. The homepage of the selected advertiser's web site is displayed(a500). Then, the netizen searches(a600) the sub-categories of the web site freely. The ad-ware monitors URLs recorded in the netizen's web browser and automatically displays(a700) a pop-up window for specific time if one of the URLs transmitted by the computer server

is recorded in the web user. If the netizen inputs a specific lottery number to an input window of the pop-up window and clicks a **finish** button or a **close** button, the ad-ware transmits(a800) lottery number-related data and the netizen's ID data to the computer server of the Internet advertising web site. The advertiser's web site is automatically changed into the Internet advertising web site. The computer server saves the received data from the ad-ware and chooses(a900) winners in the lottery. The operator gives(a1000) various kinds of presents to the winners.

pp; 1 DwgNo 1/10

Title Terms: ADVERTISE; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

20/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014345202 **Image available**

WPI Acc No: 2002-165905/200222

XRPX Acc No: N02-126676

Method for provision of Internet sessions between a subscriber computer and an Internet service provider where checking is undertaken to see if advertising is displayed in low cost advertising financed subscription

Patent Assignee: GIGABELL AG (GIGA-N)

Inventor: ZAWREL R

Number of Countries: 025 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1170682	A1	20020109	EP 2000114250	A	20000703	200222 B

Priority Applications (No Type Date): EP 2000114250 A 20000703

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1170682 A1 G 17 G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 1170682 A1

NOVELTY - Method has the following steps: setting up of a **user session**, transfer to and display of advertising data on the user computer (12), protected testing to see if the advertising data has been displayed, and **ending** of the **user session** if testing indicates that the advertising data has not been displayed on the user computer.

DETAILED DESCRIPTION - The invention also relates to a server device set up to **determine** if **connected** users display advertising when connecting and computer software for carrying out testing.

USE - Provision of low cost, advertising financed, Internet connections or sessions, by Internet service providers, to subscribers.

ADVANTAGE - The invention ensures that users have to see advertising in order to receive discounted subscription.

DESCRIPTION OF DRAWING(S) - (Drawing includes non-English language text.) Figure shows a flow diagram of a method for testing to see if **end** users view advertising correctly.

pp; 17 DwgNo 4/9

Title Terms: METHOD; PROVISION; SESSION; SUBSCRIBER; COMPUTER; SERVICE;

CHECK; ADVERTISE; DISPLAY; LOW; COST; ADVERTISE; SUBSCRIBER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

20/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent W
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014028616 **Image available**

WPI Acc No: 2001-512830/200156

Related WPI Acc No: 1998-041501; 1999-571512; 2001-366847; 2002-617110

SRPX Acc No: N01-379686

**Computer-implemented user activity monitoring system, acts time for task,
when idle time limit interval is determined to have elapsed in log file
between activities belonging to work task**

Patent Assignee: RICOS INT INC (RICO-N)

Inventor: LEHMAN M G; SKINNER G R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6185514	B1	20010206	US 95423029	A	19950417	200156 B
			US 96732675	A	19961015	
			US 97987908	A	19971209	
			US 99374050	A	19990813	

Priority Applications (No Type Date): US 99374050 A 19990813; US 95423029 A 19950417; US 96732675 A 19961015; US 97987908 A 19971209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6185514	B1	27	G06F-003/05		CIP of application US 95423029
					CIP of application US 96732675
					CIP of application US 97987908
					CIP of patent US 5696702
					CIP of patent US 5963914

Abstract (Basic): US 6185514 B1

NOVELTY - A respective timer is provided for each task by data analyzer to accumulate time worked on a task for intervals exceeding an idle time limit interval. The timer is started at task activity, and **stopped** after expiration of present idle time interval. Timer is restarted, when other task activity is **detected**. When **idle** time interval has elapsed in log file, time for task is totaled as work period.

DETAILED DESCRIPTION - A data analyzer reads series of chronologically ordered events from log file and categorizes activities as preset task. The log file includes series of events including file activity and external user input activities. An automatic data collector monitors certain portions of user's computer activity and logs into a log file. A hardware abstraction layer (101) monitors and detects activity of input devices. A data analyzer determines which portion of user's activity constitutes work by rules of previously defined work by user. An INDEPENDENT CLAIM is also included for computer implemented method to automatically collect and analyze information about work performed on computer.

USE - For automatically collecting and analyzing information about time and continuous work performed on computer.

ADVANTAGE - The system produces automatic documentation and unalterable proof of work done in computer without manually starting and **stopping** clock or having the user specify that work is performed prior to the user beginning the work.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the system for automatic documentation of work and **time** expended by **user** of computer.

Hardware abstraction layer (101)
pp; 27 DwgNo 1/18

Title Terms: COMPUTER; IMPLEMENT; USER; ACTIVE; MONITOR; SYSTEM; ACT; TIME; TASK; IDLE; TIME; LIMIT; INTERVAL; DETERMINE; ELAPSED; LOG; FILE; ACTIVE; BELONG; WORK; TASK

Derwent Class: T01

International Patent Class (Main): G06F-003/05

File Segment: EPI

20/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013630475 **Image available**
WPI Acc No: 2001-114683/200113
XRPX Acc No: N01-084366

Radio control apparatus for communication systems, varies displayed content depending on existence of transmitted electromagnetic wave, which is with respect to idle period

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000222115	A	20000811	JP 9924496	A	19990202	200113 B

Priority Applications (No Type Date): JP 9924496 A 19990202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000222115	A		4 G06F-003/033	

Abstract (Basic): JP 2000222115 A

NOVELTY - The operation signal (SC) input by user via input unit is modulated and transmitted to receiver (3) by a transmitter (2) during transmitting period. The receiver (3) varies the display content displayed in a display (4), depending on the received data. The transmitter **stops** transmission during idle period.

USE - For radio communication system.

ADVANTAGE - Since electromagnetic wave is not transmitted during idle **period**, **user** is able to **recognize idle period** thereby increasing **user**'s operativity.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of radio control apparatus.

Transmitter (2)

Receiver (3)

Display (4)

pp; 4 DwgNo 1/4

Title Terms: RADIO; CONTROL; APPARATUS; COMMUNICATE; SYSTEM; VARY; DISPLAY; CONTENT; DEPEND; EXIST; TRANSMIT; ELECTROMAGNET; WAVE; RESPECT; IDLE; PERIOD

Derwent Class: T01; T04; W02

International Patent Class (Main): **G06F-003/033**

International Patent Class (Additional): **G06F-003/00**

File Segment: EPI

20/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013522382 **Image available**
WPI Acc No: 2001-006588/200101
XRPX Acc No: N01-004739

Global synchronization unit for time and space stamping of input data elements, connects input data element with time and space stamp data element to produce time and space stamped input data

Patent Assignee: REVEO INC (REVE-N); FARIS S M (FARI-I); FLANNERY J P (FLAN-I); HAMLIN G J (HAML-I); HAMLIN G (HAML-I)

Inventor: FARIS S M; FLANNERY J P; HAMLIN G J; HAMLIN G

Number of Countries: 091 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200050974	A2	20000831	WO 2000US5093	A	20000228	200101 B
AU 200037102	A	20000914	AU 200037102	A	20000228	200101
US 20020026321	A1	20020228	US 99258573	A	19990226	200220
US 20020069076	A1	20020606	US 99258573	A	19990226	200241

US 2000579105 A 20000525
EP 1208412 A2 20020529 EP 2000915913 A 20000228 200243
WO 2000US5093 A 20000228
KR 2002012538 A 20020216 KR 2001710983 A 20010827 200257
Priority Applications (No Type Date): US 2000258573 A 20000225; US 99258573
A 19990226; US 2000579105 A 20000525

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200050974 A2 E 340 G06F-000/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200037102 A G06F-000/00 Based on patent WO 200050974

US 20020026321 A1 G06F-017/60

US 20020069076 A1 G06F-017/60 Cont of application US 99258573

EP 1208412 A2 E G06F-001/00 Based on patent WO 200050974

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

KR 2002012538 A G06F-015/16

Abstract (Basic): WO 200050974 A2

NOVELTY - GPS receiver (170) automatically produces time and space
(TS) stamp data element at each data sampling instant, on reception of
GPS signals. Data elements represent TS coordinates of the global
synchronization unit (GSU) with respect to global reference system.
Input data element is added with TS element at each data sampling
element so as to produce TS stamp input data element, which is stored
in memory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

- (a) internet based system;
- (b) TV based client machine;
- (c) method of registering contestant with internet based contest
supporting system;
- (d) system for promoting and presenting web documents;
- (e) method of handling communication in multiplayer contest using
multiple game servers;
- (f) method of enabling contestant to compete against many other
clients;
- (g) method of downloading encrypted query and **start time** to
client machine;
- (h) method of characterizing the local clock on client machine and
synchronizing the display update cycle;
- (i) method of presenting encrypted query to GSU enabled client
machine;
- (j) method of submitting **time stamped** contestant response to
query presented to GSU enabled client machine;
- (k) method of promoting contest over internet;
- (l) method of synchronizing events in client machines;
- (m) method of triggering event on client machine;
- (n) system for performing an action on client machine;
- (o) sub-system for creating and administering contests promoted by
contest promoting system;
- (p) set-top TV client machine;
- (q) internet based method for enabling bidders;
- (r) internet based system for enabling bidders to compete in
bidding;
- (s) internet based method for enabling traders to compete fairly in
trading;
- (t) system and method of serving and receiving information over
internet;
- (u) system and method for electronically filing legal documents;
- (v) system and method for receiving information from securities;
- (w) system and method for electronic based on-line securities

trading;
 (x) internet based method of securing computers communication network;
 (y) internet based system for displaying information clues or instruction at particular instances along space time column;
 (z) internet based system for collecting space time coordination of athlete or animal at particular instances along space time continuum;
 (aa) internet based method and system for enabling operation of set top cable TV boxes;
 (bb) internet based method and system for enabling/controlling the operation of portable host system;
 (cc) internet based system for tracking an object;
 (dd) internet based system for enabling operation of transportable digital media

USE - For time and space stamping of input data elements used in client-server type interworked computer systems like internet used for contest promotion, financial trading and auction supporting.

ADVANTAGE - Serving and receiving information over internet in connection with time constrained competitive processes, avoids problems of network latency and ensures microsecond accuracy.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of internet based system.

GPS receiver (170)
 pp; 340 DwgNo 1/29

Title Terms: GLOBE; SYNCHRONISATION; UNIT; TIME; SPACE; STAMP; INPUT; DATA; ELEMENT; CONNECT; INPUT; DATA; ELEMENT; TIME; SPACE; STAMP; DATA; ELEMENT ; PRODUCE; TIME; SPACE; STAMP; INPUT; DATA

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-001/00 ;

G06F-015/16 ; G06F-017/60

File Segment: EPI

20/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013502537 **Image available**

WPI Acc No: 2000-674478/200066

XPX Acc No: N00-500055

Document printer/copier operating method involves sensing copy-job request, determining whether print job is in progress, interrupting print job at boundary, carrying out copy job, and subsequently resuming print job from boundary

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: FREDERIKSEN D G; FRESK J S; GUNNING C R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2349767	A	20001108	GB 20004039	A	20000221	200066 B
US 6421135	B1	20020716	US 99264487	A	19990308	200248

Priority Applications (No Type Date): US 99264487 A 19990308

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

GB 2349767 A 49 H04N-001/00

US 6421135 B1 G06F-013/00

Abstract (Basic): GB 2349767 A

NOVELTY - The method involves use of a copier (100) that includes an image forming device (50), e.g. a printer, having two storage devices (10,11), e.g. a disk and a random access memory (RAM), coupled with an accessory device (60), e.g. a scanner, and an interface (66) for use by a walk-up user.

DETAILED DESCRIPTION - The method involves storing page description language data, representing a print job (96), from a host computer (16) in the RAM, communicating this to a print engine (20), and printing and outputting the print job. It also involves sensing a request from a

walk-up user to scan and print a copy of a document, interrupting the print job at a boundary, and saving the page description language data and page status for the print job to the disk. The walk-up user's document is then scanned, thereby creating image data representing a copy job (94). This is forwarded to the printer and stored in the RAM, communicated to the print engine and printed out. The end of the copy request of the walk-up user is determined, and the stored data of the print job is spooled from the disk to the RAM. The page status is used to determine the interrupted boundary, and the print job is finished, resuming at the boundary.

USE - For controlling print jobs sent across a network or input/output port to a multi-function document copier having an attached scanner when a walk-up user submits a copy job to the scanner for copying.

ADVANTAGE - Allows an ongoing print job to be interrupted by a walk-up user before it is finished, and subsequently completed when this user has finished with the machine, thereby saving the walk-up user's time.

DESCRIPTION OF DRAWING(S) - The drawings are functional block diagrams of an exemplary image forming device of the printer system and an embodiment of the present invention illustrating a system for temporarily locking out print jobs on a network copier when a walk-up user presents a document for copying.

Disk storage device (10)
RAM storage device (11)
Host computer of network (16)
Print engine (20)
Image forming device (50)
Accessory device (60)
Walk-up user interface (66)
Copy job (94)
Print job (96)
Copier (100)

pp; 49 DwgNo 3, 6/16

Title Terms: DOCUMENT; PRINT; COPY; OPERATE; METHOD; SENSE; REQUEST;
DETERMINE; PRINT; JOB; PROGRESS; INTERRUPT; PRINT; JOB; BOUNDARY; CARRY;
COPY; JOB; SUBSEQUENT; RESUME; PRINT; JOB; BOUNDARY
Derwent Class: S06; T01; W02
International Patent Class (Main): G06F-013/00 ; H04N-001/00
International Patent Class (Additional): G06F-003/12 ; H04N-001/32
File Segment: EPI

20/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013384025 **Image available**

WPI Acc No: 2000-555963/200051

XRPX Acc No: N01-012530

Research method using computer communications, in which users can download research data in real time such that media focus and convergence on public opinion immediately enabled

Patent Assignee: KANG S I (KANG-I); ZHANG C Y (ZHAN-I)

Inventor: KANG S I

Number of Countries: 029 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 99068294	A	19990906	KR 997834	A	19990309	200051 B
EP 1035486	A2	20000913	EP 2000301833	A	20000306	200103
AU 200020771	A	20000914	AU 200020771	A	20000309	200051
JP 2000293505	A	20001020	JP 200071074	A	20000309	200059
CN 1267861	A	20000927	CN 2000102912	A	20000309	200067
KR 267209	B1	20000915	KR 997834	A	19990309	200134

Priority Applications (No Type Date): KR 997834 A 19990309

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 99068294	A			G06F-019/00	
EP 1035486	A2	E	22	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 200020771	A			G06F-017/60	
JP 2000293505	A		18	G06F-017/00	
CN 1267861	A			G06F-015/163	
KR 267209	B1			G06F-019/00	

Abstract (Basic): EP 1035486 A2

NOVELTY - The research method involves acquiring a variety of information necessary for formulation of a marketing strategy by questioning directly an **end** user using computer communications e.g. Internet, and processing the information to sell to a user over the network.

DETAILED DESCRIPTION - The research method involves acquiring a variety of information necessary for formulating a marketing strategy, by questioning directly an **end** user using e.g. the Internet. The method involves using a subscriber management system, a questionnaire drawing system, a reply system, a questionnaire analysis system, a data integration and analysis system, a data sale and a payment system.

USE - Conducting questionnaire on communications networks in real time, such that **user** is able to maintain media focus and establish public opinion immediately.

ADVANTAGE - Allows questionnaire to be conducted on various **communications** network by **specific** program, while allowing contents of response to questionnaire to be collected and processed in real time.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block diagram showing the configuration of a system for implementing a research method according to the invention.

pp; 22 DwgNo 2/9

Title Terms: RESEARCH; METHOD; COMPUTER; COMMUNICATE; USER; CAN; RESEARCH; DATA; REAL; TIME; MEDIUM; FOCUS; CONVERGE; PUBLIC; OPINION; IMMEDIATE; ENABLE

Derwent Class: T01

International Patent Class (Main): G06F-015/163 ; G06F-017/00 ; G06F-017/60 ; G06F-019/00

International Patent Class (Additional): G06F-017/40

File Segment: EPI

20/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011996629 **Image available**

WPI Acc No: 1998-413539/199835

XRPX Acc No: N98-321905

Polling traffic management method - using request polls and time outs to control a common link in a network

Patent Assignee: 3COM CORP (THRE-N)

Inventor: PEREIRA F R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5781726	A	19980714	US 96594878	A	19960131	199835 B

Priority Applications (No Type Date): US 96594878 A 19960131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5781726	A		20	G06F-013/14	

Abstract (Basic): US 5781726 A

A method of maintaining a set of logical link control layer sessions. This involves dividing connection oriented sessions into a

link session (203), or LAN, between one end station (204) and a control node (200). This edge device is connected to a leaf node (20) via an intermediate link session (201) such as a bridge/router system. A link session (206) connects the intermediary link with another end station (207). Request polls, comprising receive ready (RR) request (compliant with ANSI/IEEE), from the end stations of that LAN are responded to by the edge devices. Session time out timers are respectively maintained by the edge devices. When a time out occurs, the edge devices determines whether the current connection oriented session is a member of the required set.

For example, a link session between X and A may be illustrated by a combination of links, with link session LSXA connected to intermediate session IS connected to link session LSAX. The intermediate session IS is managed such that the polling traffic from only one connection oriented sessions is being conducted at any given time.

ADVANTAGE - Avoids jamming by controlling traffic flow between a common link connecting LANs.

Dwg.5/12

Title Terms: POLL; TRAFFIC; MANAGEMENT; METHOD; REQUEST; POLL; TIME;
CONTROL; COMMON; LINK; NETWORK
Derwent Class: T01; W01; W02
International Patent Class (Main): G06F-013/14
International Patent Class (Additional): H04J-003/00; H04L-012/28
File Segment: EPI

20/5/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011502518 **Image available**

WPI Acc No: 1997-480432/199744

XRPX Acc No: N97-400656

Display device attention manager - detects idle period of non-interaction with computer to generate information display

Patent Assignee: INTERVAL RES CORP (INTE-N); AGULNICK T A (AGUL-I);

BHADKAMKAR N A (BHAD-I); DAVIS M E (DAVI-I); FREIBERGER P A (FREI-I);

GOODHEAD G N (GOOD-I); LEVIN G (LEVI-I); PIERNOT P P (PIER-I); REED D P

(REED-I); ROSENTHAL S N (ROSE-I)

Inventor: AGULNICK T A; BHADKAMKAR N A; DAVIS M E; FREIBERGER P A; GOODHEAD G N; LEVIN G; PIERNOT P P; REED D P; ROSENTHAL S N

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9735296	A1	19970925	WO 97US4610	A	19970321	199744 B
AU 9723405	A	19971010	AU 9723405	A	19970321	199806
EP 888604	A1	19990107	EP 97916153	A	19970321	199906
			WO 97US4610	A	19970321	
US 6034652	A	20000307	US 96620641	A	19960322	200019
JP 2000507365	W	20000613	JP 97533741	A	19970321	200035
			WO 97US4610	A	19970321	
KR 2000064755	A	20001106	WO 97US4610	A	19970321	200128
			KR 98707518	A	19980922	
US 20020003506	A1	20020110	US 96620641	A	19960322	200208
			US 99372399	A	19990810	

Priority Applications (No Type Date): US 96620641 A 19960322; US 99372399 A 19990810

Cited Patents: US 5105184; WO 9319427; WO 9630864

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9735296 A1 E 80 G09F-027/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT

KE LS LU MC MW NL OA PT SE SZ UG
 AU 9723405 A Based on patent WO 9735296
 EP 888604 A1 E Based on patent WO 9735296
 Designated States (Regional): DE FR GB
 US 6034652 A G09G-005/12
 JP 2000507365 W 76 G09F-027/00 Based on patent WO 9735296
 KR 2000064755 A G09F-027/00
 US 20020003506 A1 G09G-005/00 Cont of application US 96620641
 Cont of patent US 6034652

Abstract (Basic): WO 9735296 A

Attention manager makes use of the unused capacity of a display device using an idle period when the user is not interacting with the computer, detected by e.g. activation of a screen saver.

If an idle period is detected (102), a determination is made as to whether there are any sets of content data available for use in generating a display. If none are available, the primary user interaction continues, with continuous checking for an idle period. If at least one set of content data is available those sets are scheduled (104) for display. The content data is displayed (105) and then a determination is made (106) as to whether operation of the attention manager has been terminated through e.g. pressing a key or mouse button.

USE/ADVANTAGE - Attention manager is for engaging peripheral attention of person near e.g. computer monitor, television, audio speakers. Makes use of unused capacity of display during inactive periods

Dwg.1/6

Title Terms: DISPLAY; DEVICE; ATTENTION; MANAGE; DETECT; IDLE; PERIOD; NON; INTERACT; COMPUTER; GENERATE; INFORMATION; DISPLAY

Derwent Class: P85; T01; W05

International Patent Class (Main): G09F-027/00; G09G-005/00; G09G-005/12

International Patent Class (Additional): G06F-013/00 ; G06F-015/16 ;

G09G-005/14

File Segment: EPI; EngPI

20/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010938901 **Image available**

WPI Acc No: 1996-435851/199644

XRPX Acc No: N96-367261

Power controller for personal computer or word processor - detects when idling time exceeds automatic drive stop time period and stops

driving of system in response

Patent Assignee: MITSUBISHI DENKI KK (MITQ); MITSUBISHI ELECTRIC CORP (MITQ)

Inventor: GOUZU T

Number of Countries: 007 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 735457	A2	19961002	EP 96105103	A	19960329	199644 B
JP 8272495	A	19961018	JP 9575322	A	19950331	199701
CA 2172925	A	19961001	CA 2172925	A	19960328	199705
US 5809316	A	19980915	US 96619139	A	19960321	199844
CN 1140273	A	19970115	CN 96107354	A	19960330	200044

Priority Applications (No Type Date): JP 9575322 A 19950331

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 735457	A2	E	99	G06F-001/32	
Designated States (Regional): DE FR GB					
JP 8272495	A		83	G06F-001/32	
CA 2172925	A			G06F-001/32	

US 5809316 A G06F-001/32
CN 1140273 A G06F-001/32

Abstract (Basic): EP 735457 A

The power controller includes a system which can be driven and controlled either automatically or by a user. A state of operation of the system is detected. Information relating to the state changes is measured after a process is **finished**. An automatic drive **stop** time period is determined from a time when processing is **finished**.

A time reporter receives an output of the state **detector**. It measures an **idling** time from when the system **finishes** processing to a time when it is restarted. It reports when the idling time has exceeded the automatic drive **stop** time so as to allow the system to be **stopped**.

USE/ADVANTAGE - For electronic notebook or portable information terminal. Reduced power consumption due to setting motor **stop time interval**. **User** friendly. Efficient. Can be used for long period. High speed processing. Reduced memory space.

Dwg.1/82

Title Terms: POWER; CONTROL; PERSON; COMPUTER; WORD; PROCESSOR; DETECT; IDLE; TIME; AUTOMATIC; DRIVE; **STOP**; TIME; PERIOD; **STOP**; DRIVE; SYSTEM; RESPOND

Derwent Class: T01

International Patent Class (Main): G06F-001/32

International Patent Class (Additional): G06F-001/26 ; G06F-011/30 ;

G06F-011/34

File Segment: EPI

20/5/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010764462 **Image available**

WPI Acc No: 1996-261416/199627

XRPX Acc No: N96-219924

Real time multi- user game system for cable television - uses several up-link and down-link frequencies for communication between server and users with frequencies controlled by server to prevent communication collision

Patent Assignee: NET GAME LTD (NETG-N)

Inventor: GAGIN R; LIVSHITZ J; SHARON E; EREZ S; REUVEN G

Number of Countries: 022 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 714684	A1	19960605	EP 95308511	A	19951128	199627 B
AU 9539121	A	19960606	AU 9539121	A	19951128	199630
CA 2163500	A	19960530	CA 2163500	A	19951122	199638
JP 8256146	A	19961001	JP 95310693	A	19951129	199649
US 5630757	A	19970520	US 94346389	A	19941129	199726
SG 89999	A1	20020723	SG 951938	A	19951127	200257

Priority Applications (No Type Date): US 94346389 A 19941129

Cited Patents: 2.Jnl.Ref; DE 2724153; EP 366581; EP 495600; EP 526760; EP 634846; EP 647914; GB 2218308; WO 9013086

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 714684 A1 E 41 A63F-009/22

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

AU 9539121 A H04L-012/56

CA 2163500 A H04N-007/173

JP 8256146 A 37 H04L-012/18

US 5630757 A 27 A63F-009/24

SG 89999 A1 A63F-009/22

Abstract (Basic): EP 714684 A

The system is connected to an existing communication network having a head- **end** , a network and a number of user sites (101). A game server (100) is located at the head- **end** , having an uplink mechanism to receive uplink communications packets from the user sites through the network and optional amplifiers (103b..n) A down-link mechanism sends down-link communications packets from the user sites through the network. Game processes are connected to several of the user sites through the uplink and down-link mechanisms.

User stations include a communications interface for transmitting and receiving the uplink and down-link packets from the game server through the network. A local game processor and user interface in the user station executes a component of one of the game processes.

ADVANTAGE - Provides bidirectional communications over television network. Uses special packet protocol which assumes unreliable communication and operates in spite of lost data.

Dwg.1A/16

Title Terms: REAL; TIME; MULTI; USER; GAME; SYSTEM; CABLE; TELEVISION; UP; LINK; DOWN; LINK; FREQUENCY; COMMUNICATE; SERVE; USER; FREQUENCY; CONTROL ; SERVE; PREVENT; COMMUNICATE; COLLIDE
Derwent Class: P36; T01; W01; W02; W04
International Patent Class (Main): A63F-009/22; A63F-009/24; H04L-012/18; H04L-012/56; H04N-007/173
International Patent Class (Additional): A63F-009/00; **G06F-013/00** ; **G06F-015/00** ; H04N-007/025
File Segment: EPI; EngPI

20/5/15 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010695917 **Image available**
WPI Acc No: 1996-192872/199620
XRPX Acc No: N96-161488

Communication traffic control device for network system - uses carrier sense multiple access with collision detection system as communication circuit that prevents client to perform service demand to server when appointed monitoring time is longer than fixed period

Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8063418	A	19960308	JP 94199876	A	19940824	199620 B

Priority Applications (No Type Date): JP 94199876 A 19940824
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8063418	A	16	G06F-013/00	

Abstract (Basic): JP 8063418 A

The device uses a local area network of carrier sensed multiple access with collision **detection** system as a **communication** circuit. A simultaneous-transmission data is transmitted on the communication circuit for every predetermined fixed period when service offer within a proper response time is possible.

When service offer is not possible, a server (SV1) **stops** the simultaneous-transmission of data. When a monitoring **time** of client (CL1) appointed beforehand is longer than the fixed **period** , the **client** does not perform a service demand to the server.

ADVANTAGE - Reduces communication traffic volume to min. irrespective of number of sets of client connected to network and hardly generates communication load to network. Makes network system easily extensible and monitors communication traffic by server side. Makes control of communication traffic of whole network system possible by controlling transmission of simultaneous-transmission data. Controls amt. of data that flows in network system always at optimum state and prevents increase of useless traffic in communication circuit.

Dwg.1/15

Title Terms: COMMUNICATE; TRAFFIC; CONTROL; DEVICE; NETWORK; SYSTEM; CARRY;
SENSE; MULTIPLE; ACCESS; COLLIDE; DETECT; SYSTEM; COMMUNICATE; CIRCUIT;
PREVENT; CLIENT; PERFORMANCE; SERVICE; DEMAND; SERVE; MONITOR; TIME; LONG
; FIX; PERIOD

Index Terms/Additional Words: LAN; CSMA-CD

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04L-012/40

File Segment: EPI

20/5/16 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009989008 **Image available**

WPI Acc No: 1994-256719/199432

XRPX Acc No: N94-202305

**Remote control system for domestic appliances on daily basis - uses
microcontrollers to produce clock time and allow absolute and relative
alarm times to be set**

Patent Assignee: MOULINEX SA (MOUX)

Inventor: LETOREY J A P M; PARISE V A

Number of Countries: 008 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 610879	A1	19940817	EP 94101883	A	19940208	199432 B
FR 2701576	A1	19940819	FR 931626	A	19930212	199434
US 5521445	A	19960528	US 94195457	A	19940214	199627
EP 610879	B1	19960814	EP 94101883	A	19940208	199637
DE 69400360	E	19960919	DE 600360	A	19940208	199643
			EP 94101883	A	19940208	

Priority Applications (No Type Date): FR 931626 A 19930212

Cited Patents: EP 369430; EP 424772; FR 2462740; US 5160853

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 610879	A1	F	5	G05B-019/04	
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US 5521445	A		4	H01H-009/54	
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EP 610879	B1	F	6	G05B-019/042	
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Designated States (Regional): CH DE FR GB IT LI NL

DE 69400360	E			G05B-019/042	Based on patent EP 610879
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FR 2701576	A1			G05B-019/04	
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Abstract (Basic): EP 610879 A

The system includes a master control unit (3) which signals slave units (1) over an electricity distribution system. The slave units (1) switch domestic appliances (2) on and off. Each master control unit (3) has a clock unit (4) with regulator (5) and a programming unit (6).

The programming unit (6) allows a user to enter an absolute alarm time and a correction unit (11) and permits additional times relative to the absolute alarm time to be (12) automatically positioned. The relative times are compared (7) to the clock time (4) and operating signals sent to the slave units (1) as required.

ADVANTAGE - Several domestic appliances may be set for operation earlier or later than absolute alarm time and all simultaneously reset by altering absolute alarm time only.

Dwg.1/1

Title Terms: REMOTE; CONTROL; SYSTEM; DOMESTIC; APPLIANCE; DAILY; BASIS;
PRODUCE; CLOCK; TIME; ALLOW; ABSOLUTE; RELATIVE; ALARM; TIME; SET

Derwent Class: S04; T06; X27

International Patent Class (Main): G05B-019/04; G05B-019/042; H01H-009/54

International Patent Class (Additional): G04C-015/00; G04C-023/00;

G05B-011/01; G06F-015/56

File Segment: EPI

20/5/17 (Item 17 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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009804980 **Image available**
WPI Acc No: 1994-084835/199411
XRPX Acc No: N94-066413

Multi- users timer for supervising large number of events - having each event corresp. to timer control block storing in its time flag indication of if block chained or unchained, running or stop

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BASSO C; CALVIGNAC J; PHAM T T; RHEINART C
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 586768	A1	19940316	EP 92480130	A	19920911	199411 B
US 5491815	A	19960213	US 93120112	A	19930910	199612

Priority Applications (No Type Date): EP 92480130 A 19920911

Cited Patents: 03Jnl.Ref; EP 355243

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 586768	A1	E	17	G06F-009/46	
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Designated States (Regional): DE FR GB

US 5491815	A		16	G06F-001/04	
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Abstract (Basic): EP 586768 A

The timer controller method involves providing a cyclic device having several memory locations which are sequentially addressed by an addressing device at regular time intervals. In response to a **START** operation issued by a user, computing an address of a location in the cyclic device, inserting the timer control block in a chain of timer control blocks associated to events which expire at the same time. Then, updating the flag state field of the time flag to the state of running to indicate that the timer is active and the flag chain field of the time flag. Then, storing the time out value in the timer control block of the corresp. event, and updating the **time stamp** to the current time.

A **STOP** operation updates the flag state in the time flag field. At each regular time interval, successively reads each timer control block chained to the storing location. Unchaining the timer control block if its flag state is **STOP**. Otherwise, computing the new time out value according to the current time.

ADVANTAGE - Efficient and simple supervision using a large number of timers.

Dwg.2/7

Title Terms: MULTI; USER; TIME; SUPERVISION; NUMBER; EVENT; EVENT;
CORRESPOND; TIME; CONTROL; BLOCK; STORAGE; TIME; FLAG; INDICATE; BLOCK;
CHAIN; RUN; STOP

Derwent Class: T01; W01

International Patent Class (Main): **G06F-001/04 ; G06F-009/46**

International Patent Class (Additional): H04L-029/06

File Segment: EPI

20/5/18 (Item 18 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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009557417 **Image available**
WPI Acc No: 1993-250964/199332
XRPX Acc No: N93-193329

Scheduling and co-ordinating appts. for distributed multi-media resources - has several computers connected by network with memory storing network connection information indicative of quality of service for multi-media session and logic for reading and starting session

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: BAUGHER M J

Number of Countries: 008 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 554615	A2	19930811	EP 92310413	A	19921116	199332 B
CA 2077061	A	19930523	CA 2077061	A	19920827	199333
JP 5303538	A	19931116	JP 92306936	A	19921117	199350
EP 554615	A3	19931020	EP 92310413	A	19921116	199510
US 5644715	A	19970701	US 91796175	A	19911122	199732
			US 94353168	A	19941209	
CA 2077061	C	19980421	CA 2077061	A	19920827	199827
KR 9707047	B1	19970502	KR 9219410	A	19921022	199941

Priority Applications (No Type Date): US 91796175 A 19911122; US 94353168 A 19941209

Cited Patents: -SR.Pub; EP 413074; EP 464283; US 4455455; US 4796293; US 5065392; WO 8500947

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 554615	A2	E	11	H04L-029/06	
Designated States (Regional): DE FR GB IT					
US 5644715	A		10	H01J-013/00	Cont of application US 91796175
CA 2077061	A			G06F-013/14	
JP 5303538	A			G06F-013/00	
EP 554615	A3			H04L-029/06	
CA 2077061	C			G06F-013/14	
KR 9707047	B1			H04L-029/06	

Abstract (Basic): EP 554615 A

The apparatus comprises several computers connected by an open system interconnect network, a local area network or an integrated systems distributed network. A memory unit stores network **connection** information which is **indicative** of the quality of service required for the multimedia session, including a session time.

Logic circuitry reads the stored information and commences the multimedia session at **session time**. A **user** is prompted to enter parameters indicative of the quality of service, and these parameters are stored. The network includes default parameters for any parameters not entered by the user. The logic circuitry is able to negotiate for network services.

ADVANTAGE - Includes support for distributed environment and has reduced design complexity.

Dwg.1/5

Title Terms: SCHEDULE; CO; ORDINATE; APPARATUS; DISTRIBUTE; MULTI; MEDIUM; RESOURCE; COMPUTER; CONNECT; NETWORK; MEMORY; STORAGE; NETWORK; CONNECT; INFORMATION; INDICATE; QUALITY; SERVICE; MULTI; MEDIUM; SESSION; LOGIC; READ; START; SESSION

Index Terms/Additional Words: OSI; DISTRIBUTED; DIGITAL; CONFERENCING; REMOTE; PRESENTATION; MIDI

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00 ; G06F-013/14 ; H01J-013/00; H04L-029/06

International Patent Class (Additional): H04L-012/28

File Segment: EPI

20/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009116015 **Image available**

WPI Acc No: 1992-243451/199230

XRPX Acc No: N92-185750

Integrated audio-video data access system - invisibly time - stamping each character or stroke input by user by keyboard or stylus to allow precise playback starting point

Patent Assignee: XEROX CORP (XERO)

Inventor: LAMMING M G

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 495612	A2	19920722	EP 92300285	A	19920114	199230 B
EP 495612	A3	19930331	EP 92300285	A	19920114	199350
EP 495612	B1	19960410	EP 92300285	A	19920114	199619
DE 69209670	E	19960515	DE 609670	A	19920114	199625
			EP 92300285	A	19920114	
US 5535063	A	19960709	US 92819258	A	19920110	199633
			US 95378914	A	19950126	

Priority Applications (No Type Date): GB 91732 A 19910114

Cited Patents: No-SR.Pub; US 4425586; US 4841387; US 4924387

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 495612	A2	E	5	G06F-015/02	
				Designated States (Regional): DE FR GB	
EP 495612	B1	E	7	G06F-015/02	
				Designated States (Regional): DE FR GB	
DE 69209670	E			G06F-015/02	Based on patent EP 495612
US 5535063	A		5	G06F-019/00	Cont of application US 92819258
EP 495612	A3			G06F-015/02	

Abstract (Basic): EP 495612 A

The system includes capturing, filing, retrieving, displaying and automatically **time stamping** seer-generated indicia for selection by a **user**. The **time stamped** data set and the **time - stamped** indicia have a common time base.

The **time - stamp** of each user selected indicia is determined. The data set is indexed to identify the part that is **time - stamped** correlated with the selected indicia.

USE/ADVANTAGE - Note-taking system at seminars etc. Fine-grained audio/video indexing tool.

Dwg.3/3

Title Terms: INTEGRATE; AUDIO; VIDEO; DATA; ACCESS; SYSTEM; INVISIBLE; TIME ; STAMP; CHARACTER; STROKE; INPUT; USER; KEYBOARD; STYLUS; ALLOW; PRECISION; PLAYBACK; **START** ; POINT

Derwent Class: T01; W04

International Patent Class (Main): **G06F-015/02 ; G06F-019/00**

International Patent Class (Additional): G11B-015/00; G11B-027/10; G11B-027/11

File Segment: EPI

20/5/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008285762 **Image available**

WPI Acc No: 1990-172763/199023

XRPX Acc No: N90-134360

Electrostatic discharge testing of electrical equipment - using electrostatic discharge appts. controlled by computer to determine length or quality of tests

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: NICK H H; OSBORN B E; WU C; WU C Y

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 371336	A	19900606	EP 89121205	A	19891116	199023 B
US 4961157	A	19901002	US 88276733	A	19881128	199042
EP 371336	B1	19950816	EP 89121205	A	19891116	199537
DE 68923850	E	19950921	DE 623850	A	19891116	199543
			EP 89121205	A	19891116	

Priority Applications (No Type Date): US 88276733 A 19881128

Cited Patents: 3.Jnl.Ref; A3...9134; NoSR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 371336	A		12		
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Designated States (Regional): DE FR GB

US 4961157	A		10		
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EP 371336	B1	E	15	G06F-011/24	
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Designated States (Regional): DE FR GB

DE 68923850	E			G06F-011/24	Based on patent EP 371336
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Abstract (Basic): EP 371336 A

The appts. to provide electrostatic discharge testing consists of a test controller (10) operating an electrostatic discharge device (30) which applies voltage stress pulses to the machine (40) under test typically the connection between the discharge device and the machine under test is a conductive lead in **close** proximity to the machine. The test controller has a test duration controller (12) and a random firing controller (14).

User control is via a display (20) and keyborad (25) through which the user supplies three parameters, namely the cycle time, the length of the repetitive test program in the machine, and the desired proportion of the program to be covered by the test. From this information the duration of the test can be matched to the desired level of testing.

USE/ADVANTAGE - Reduces test time required to achieve stated level of confidence in test.

Dwg.1/2

Title Terms: ELECTROSTATIC; DISCHARGE; TEST; ELECTRIC; EQUIPMENT;

ELECTROSTATIC; DISCHARGE; APPARATUS; CONTROL; COMPUTER; DETERMINE; LENGTH ; QUALITY; TEST

Derwent Class: S01; T01

International Patent Class (Main): **G06F-011/24**

International Patent Class (Additional): H01T-019/00

File Segment: EPI

20/5/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007984953 **Image available**

WPI Acc No: 1989-250065/198935

XRPX Acc No: N89-190618

Scheduling meeting among terminal users - comparing desired date range and time span with each desired calendars and altering several parameters w.r.t. non-availability times

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: VINCENT J P

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 329911	A	19890830	EP 88480090	A	19881206	198935 B
BR 8900506	A	19891003				198945
US 5050077	A	19910917	US 90551687	A	19900709	199140
US 5197000	A	19930323	US 90551687	A	19900709	199314
			US 91701409	A	19910515	
EP 329911	B1	19950322	EP 88480090	A	19881206	199516
DE 3853417	G	19950427	DE 3853417	A	19881206	199522
			EP 88480090	A	19881206	

Priority Applications (No Type Date): US 88153111 A 19880208; US 89406890 A

19890912; US 90551687 A 19900709; US 91701409 A 19910515

Cited Patents: 2.Jnl.Ref; A3...9043; EP 142067; No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 329911	A	E	7		
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Designated States (Regional): DE FR GB

US 5197000 A 12 G06F 015/21 Cont of application US 90551687
Cont of patent US 5050077

EP 329911 B1 E 14 G06F-017/60
Designated States (Regional): DE FR GB
DE 3853417 G G06F-017/60 Based on patent EP 329911

Abstract (Basic): EP 329911 A

A prompting screen is presented to a meeting schedule with blanks for keying in desired times, dates, and prospective attendees for a meeting. In response to the schedules keying to this screen, a comparison is made with the calendar events for each prospective attendee.

As a result of the non-availability of a meeting time which complies with the desired times, dates and attendees, these factors are automatically altered or "released" in order to achieve an acceptable meeting time. An option list of meeting times is then presented to the scheduler for selection of a meeting time. Based upon the selection of the scheduler, a meeting notification screen is then constructed for transmittal to each attendee.

ADVANTAGE - Permits the operator to select desired times, dates and attendees and automatically **determines** appropriate **meeting** times. Automatically **determines** appropriate **meeting** times despite non-availability of a meeting time which complies with all of operators requirements.

4/6

Title Terms: SCHEDULE; TERMINAL; USER; COMPARE; DATE; RANGE; TIME; SPAN;
CALENDAR; ALTER; PARAMETER; NON; AVAILABLE; TIME
Derwent Class: T01
International Patent Class (Main): G06F-015/21 ; G06F-017/60
International Patent Class (Additional): G06F-007/28 ; G06F-013/14
File Segment: EPI

20/5/22 (Item 22 from file: 347)
DIALOG(R) File 347:JAPIO
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06340857 **Image available**
COMMUNICATION DEVICE AND METHOD, AND MEDIUM ON WHICH PROGRAM IS RECORDED

PUB. NO.: 11-282461 [JP 11282461 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): KIKUCHI TAKESHI
KOIKE YUJI
APPLICANT(s): YAMAHA CORP
APPL. NO.: 10-081323 [JP 9881323]
FILED: March 27, 1998 (19980327)
INTL CLASS: G10H-001/00; G06F-015/16

ABSTRACT

PROBLEM TO BE SOLVED: To increase reliability of timing information at the time of communicating timing information by arranging a time difference detection means to detect a time difference between a 1st timing information and a 2nd temporal information, and a correction means to correct the timing information generated by a timing information generation means according to a prescribed time difference or longer.

SOLUTION: A server transmits a packet P1 containing a **time - stamped** record of 15 minutes to a client after the lapse of 15 minutes. The **client** compares **time - stamped** records of both with each other at the time of receiving the packet P1, and confirms that own **time - stamped** record is advanced by 300 msec. Namely, the **time - stamped** record of the client is 300 msec. more advanced than the one of the server at a time T1. Then, the client **starts** correction processing of the **time - stamped** record at the time of recognizing that own **time - stamped** records have advanced, for instance, 300 msec. or longer by more than the number of a fixed data. In this case, the deviation of the **time - stamped** record

should not be corrected as a stretch, but corrected three times by taking about 15 seconds by 100 msec.

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20/5/23 (Item 23 from file: 347)
DIALOG(R)File 347:JAPIO
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06226033 **Image available**
ON-LINE PRODUCT AND SERVICE PURCHASING METHOD AND COMPUTER

PUB. NO.: 11-167595 [JP 11167595 A]
PUBLISHED: June 22, 1999 (19990622)
INVENTOR(s): DIANGELO MICHAEL F
FOX VALERIE J
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM>
APPL. NO.: 10-247953 [JP 98247953]
FILED: September 02, 1998 (19980902)
PRIORITY: 929044 [US 929044], US (United States of America), September
15, 1997 (19970915)
INTL CLASS: G06F-017/60 ; G06F-011/34 ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To maintain a 'general-purpose' shopping cart by purchasing given products and services based on transaction information which is collected by a client during each independent transaction session .

SOLUTION: A user acquires, collects and retrieves transaction information through interaction with a web site under the control of a session manager 54. A test is carried out to determine the end of a specific transaction session, and the end of 'shopping tour' of the user is determined. Then a test is carried out to determine whether collected information should be processed or not. When the information is processed, a processing manager 58 determines whether connection should be established again to a given site. If the manager 58 that processed the requested information determines that no connection should be established again to the given site, an output manager 60 is called to terminate a transaction.

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20/5/24 (Item 24 from file: 347)
DIALOG(R)File 347:JAPIO
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04693294 **Image available**
WARNING TRANSMISSION SYSTEM BETWEEN COMPUTER AND TERMINAL DEVICE

PUB. NO.: 07-013894 [JP 7013894 A]
PUBLISHED: January 17, 1995 (19950117)
INVENTOR(s): YOSHIKOSHI MITSURU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-158285 [JP 93158285]
FILED: June 29, 1993 (19930629)
INTL CLASS: [6] G06F-013/00 ; G06F-015/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
(INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To make a user recognize a meaningless connection by sending a warning to the terminal user who has the meaningless connection with the computer.

CONSTITUTION: A connected terminal monitor means 20 obtains the interval of no communication with a terminal 90 from the start time of a connection with the terminal 90, job start/ end time by a job monitor means 70, and current time acquired by a current time acquiring means 40 and checks whether or not the interval exceeds a maximum no communication interval that the user can set. Then a warning sending means 60 when recognizing a terminal which exceeds the maximum no-communication interval sends the warning to the terminal.

20/5/25 (Item 25 from file: 347)
DIALOG(R) File 347:JAPIO
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00958777 **Image available**
ELECTRONIC DESK CALCULATOR

PUB. NO.: 57-109077 [JP 57109077 A]
PUBLISHED: July 07, 1982 (19820707)
INVENTOR(s): NAKAYAMA IZUMI
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 55-188251 [JP 80188251]
FILED: December 26, 1980 (19801226)
INTL CLASS: [3] G06F-015/02 ; H04M-001/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: P, Section No. 148, Vol. 06, No. 203, Pg. 22, October 14, 1982 (19821014)

ABSTRACT

PURPOSE: To display and record the telephone number of a party subscriber, telephone call time, etc., automatically, and to facilitate the discrimination of telephone call conditions after the telephone call is done, by permitting an electronic desk calculator to serve as a telephone number and charge display device, by adding some function to the functions of the calculator.

CONSTITUTION: A dial-pulse-signal detection part 3 is connected to an electronic desk calculator 1 to detect dial pulses of a telephone set. In the calculator 1, a signal processing part 11, a storage device 12, a pulse signal generator 14 connected to a CPU14, and a record printing part 15 are provided. On a panel surface, an operation part 4 which include keys used for the use of the telephone set and a display part 8 are provided. Then when the telephone set is in use, a signal inputted from the operation part 4 and dial pulses detected by the detection part 3 are processed by the processing part 11 to calculate a charge for a telephone call by using call time, unit telephone charge, etc., stored in the storage part 12, thereby displaying a telephone number, the call time and charge on the display part 8 by a pulse signal from the generator 14. Further, various kinds of displayed information after the end of the telephone call are recorded by the printing part 15 to facilitate the discrimination of telephone-call conditions.

Set	Items	Description
S1	1466	(USER? OR CLIENT? OR PATRON? OR VISITOR? OR SUBSCRIBER? OR NETIZEN? OR CLIENTELE OR CLIENTELLE OR PERSON? OR MEMBER) (2N) - (SESSION? OR INTERVAL OR TIME? OR PERIOD)
S2	677	(TIME? OR DATE OR DAY) (2N) (STAMP? OR MARK?) OR DATEMARK? OR TIMESTAMP? OR DATESTAMP?
S3	352	IDLE OR IDLES OR IDLING OR INACTIVE OR INERT OR INOPERATIVE OR UNUSED
S4	47414	INTERACT? OR CONNECT? OR COMMUNICAT? OR INTERFACE? OR CONTACT? OR REACH? OR MEET? OR JOIN? OR BOUND?
S5	26444	DETERMIN? OR CHOOS? OR DECID? OR RESOLV? OR ASCERTAIN? OR - SPECIF? OR DESIGNAT? OR STIPULAT? OR SIGNIF? OR INDICAT? OR DETECT? OR RECOGNI?
S6	14125	END OR ENDING OR CEASE? OR CEASING OR CESSAT? OR CLOSE OR - CLOSING OR CLOSURE OR CONCLU? OR FINISH? OR STOP? OR TERMINAT?
S7	9165	START? OR ARISE? OR BEGIN? OR COMMENC? OR ORIGINAT?
S8	27	S1 AND S2
S9	6	S8 AND S6
S10	3	S8 AND S7
S11	13709	S5 AND (S3 OR S4)
S12	286	S1 AND S6
S13	56	S11 AND S12
S14	5	S13 AND S2
S15	9	S13 AND S7
S16	22	S9 OR S10 OR S14 OR S15
S17	20	S16 NOT PY>2000
S18	19	S17 NOT PD>20000630

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Nov
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18/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01703788 DOCUMENT TYPE: Product

PRODUCT NAME: Chameleon Source-Level Debugger (703788)

Signum Systems (552291)
11992 Challenger Ct
Moorpark, CA 93021 United States
TELEPHONE: (805) 523-9774

RECORD TYPE: Directory

CONTACT: Sales Department

Chameleon Source-Level Debugger offers a high-quality debugging environment for in-circuit emulators, simulators, evaluation boards and embedded monitors. Its features include: (1) network support for remote debugging; (2) memory display and edit while executing in real-time; (3) trace display during execution; (4) HLL debug for C-51 and PL/M-51 supports all major compiler vendors; (5) pass-points to monitor internal RAM, variables and registers while running; (6) real-time transparent emulation to 42 MHz; (7) 32K frames (80 bits wide) of execution trace buffer with **time stamp**; (8) in-line symbolic assembler and disassembler; (9) 256K of overlay program RAM with bank switching; (10) 64K of overlay external data RAM; (11) memory mapping on 256-byte boundaries; (12) 256K real-time hardware breakpoints; (13) breakpoints on register and internal RAM values; (14) complex events to trigger breakpoints or trace logic; (15) two 16-bit pass counters with stop and reload control; (16) 8-level hardware event sequencer for more precise triggering; (17) 8-channel user logic state analyzer to monitor miscellaneous signals; (18) external trigger input and output; (19) program performance analysis and histograms; (20) coverage analysis; (21) wide range of uP pods to emulate virtually all 8951 family members; (22) Windows and DOS user interfaces; and (23) 115K baud serial download (64K program downloads in 14 seconds).

DESCRIPTORS: Embedded Systems; Program Development; Debuggers; Cross Reference Utilities; Emulators

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000; DOS
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Embedded Systems Developers
PRICE: Available upon request
SERVICES AVAILABLE: Updates; newsletters
REVISION DATE: 010510

18/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01690864 DOCUMENT TYPE: Product

PRODUCT NAME: Altera MegaCore Functions (690864)

Altera Corp (512141)
101 Innovation Dr
San Jose, CA 95134 United States
TELEPHONE: (408) 894-7000

RECORD TYPE: Directory

CONTACT: Sales Department

Altera MegaCore Functions provides ready-made, pre-tested and optimized megafunctions which allow users to quickly implement the functions they need instead of building them from the ground up. Features include: (1) risk-free evaluation by using the Altera OpenCore evaluation feature available with the MAX+PLUS II software; (2) functions can be downloaded from the World Wide Web; (3) design tool performance offers **time-to-market** benefits; (4) parameterization with the MegaWizard Plug-In Manager; (5) functions can be verified through simulation and the PCI Prototype Board and software driver for hardware verification are included; (6) simple licensing eliminates reviewing lengthy licensing agreements or concern about licensing restrictions; (7) functions are focused on key PLD applications including PCI interface, DSP, video and communications; (8) PCI MegaCore functions, a complete solution to PCI design needs, is a drop-in PCI master-target megafunction that offers zero-wait state burst mode transfer at 33 MHz; (9) PLSM-PCIT1, a high-performance, efficient solution for target-only applications; (10) microperipheral library of basic building blocks for high-density PLD design; (11) a fast fourier transform (FFT) function; (12) color space converter functions; and (**13**) a cyclic redundancy code (CRC) function.

DESCRIPTORS: CAD; CAE; CAD CAM; Electrical Engineering; Hardware
Description Languages; Circuit Design; Simulation; DSP (Digital Signal Processors)

HARDWARE: UNIX; Sun; HP 9000; IBM RS/6000; IBM PC & Compatibles
OPERATING SYSTEM: UNIX; X Window; Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Electrical Engineers
PRICE: Available upon request; site licensing available
DOCUMENTATION AVAILABLE: Online documentation
REVISION DATE: 981111

18/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01095885 DOCUMENT TYPE: Product

PRODUCT NAME: **SpyKer (095885)**

LynuxWorks Inc (464902)
855 Branham Ln E
San Jose, CA 95138-1018 United States
TELEPHONE: (408) 979-3900

RECORD TYPE: Directory

CONTACT: Sales Department

SpyKer (TM), offered by LynuxWorks (TM), is a dynamic event tracing program that allows users to analyze system activity. Employing SpyKer, users can find application bugs and improve the performance of embedded systems. Programmers can accelerate coding, reduce development costs, and improve application reliability. SpyKer's event capture features are accessed through a straightforward, easily navigated menu. The program lets users remotely configure data collection buffers on host systems. In addition, SpyKer can be tapped in identifying events to be traced and in applying **timestamps**. Users can assign **stop / start** trigger points around specific events. In addition, programmers can zoom in or out of event data areas, filter events, jump to specific system calls, and measure elapsed times between events. Additionally, SpyKer can save trace buffers to a disk or to a network- mounted drive. Buffers can be saved in non-volatile memory.

DESCRIPTORS: Debuggers; Embedded Systems; Program Development; Real Time
Data Acquisition; Software Testing

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Linux; Proprietary Operating Environment
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Software Testing, Lynx and Linux Testing
PRICE: Available upon request

REVISION DATE: 020724

18/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01036684 DOCUMENT TYPE: Product

PRODUCT NAME: Paul Bunyan (036684)

Diamond Sierra Corp (696331)
23081 Woodland Rd
Lakeville, MN 55044 United States
TELEPHONE: (763) 559-9193

RECORD TYPE: Directory

CONTACT: Sales Department

Diamond Sierra's Paul Bunyan is a Windows-based message logger. It enables people to monitor application activity from any location and reduce development and debugging time by tracking logging application information. Paul Bunyan can log more than 50,000 messages per second, enabling administrators to easily discover performance bottlenecks. Paul Bunyan enables users to integrate internal system logs into their help desks while maintaining control over which messages may be viewed by development teams, technical support teams, and help desk teams. It enables users to diagnose application problems from remote locations through an IP connection. Additional features include minimal memory, CPU, and resource impact, Unicode and ANSI character support, multiple query capabilities, and support for passing log messages to custom code. Using Paul Bunyan results in decreased **time to market**, improved technical support, shortened development schedules, improved testing capabilities, and faster **end-user** system response **times**.

DESCRIPTORS: Remote Network Access; Performance Monitors; Groupware;
Program Development; Software Testing; Debuggers; System Monitoring

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: C++; Visual Basic; Java; OOP (Object Oriented
Programming); SQL; ActiveX; C
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, Help Desks, IT Departments, Remote
Programming Teams
PRICE: \$285 - Professional; \$515 - Enterprise; annual connectivity license
- \$1,250; unlimited connectivity license - \$2,750

REVISION DATE: 020101

18/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00123947 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Novell Inc (850438)

TITLE: Novell may be down, but it's not out

AUTHOR: Hulme, George

SOURCE: Information Week, v787 p24(1) May 22, 2000

ISSN: 8750-6874

HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review

REVIEW TYPE: Company

Novell's Denim, OnDemand Services, and NetWare are highlighted in a discussion of Novell's **determination** to succeed in the New Economy. Novell has announced that revenue for its second quarter will not **meet** expectations, but is currently working to eliminate some problems that contributed to the shortfall. For instance, Novell is now emphasizing sales in the service provider software sector. Some long- **time users** are **starting** to warm up to the idea of Novell's plan to provide a directory-based network infrastructure. For example, Hellmann Worldwide Logistics, a global freight forwarder, looks forward to using Novell's Directory-Enabled Net Infrastructure Model (Denim). Denim includes Novell Directory Services (NDS), eDirectory, Digitalme identification technology, and One Net for development of software that allows public and private networks to operate as one network. Naysayers include Steve Foote, president and CEO of Enswers.com, a consultancy, who remarks, 'Companies are still struggling with the mundane stuff, like trying to get their back-**end** applications integrated...Many companies will not be looking at deploying directories the way Novell Envisions for another nine months to a year.' He believes Novell needs to show its existing clients how they can use the directory. An analyst agrees, and Novell also has to contend with Windows 2000 and with its own channel partners, who want Novell to more swiftly provide technologies that support their efforts to become service providers.

COMPANY NAME: Novell Inc (344893)

SPECIAL FEATURE: Charts

DESCRIPTORS: LANs; NetWare; Network Directories; Operating Systems;
Software Marketing

REVISION DATE: 20020703

18/5/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00123854 DOCUMENT TYPE: Review

PRODUCT NAMES: Timeslips 10 (406497)

TITLE: Timeslips lets users take resources into account

AUTHOR: Brooks, Jason

SOURCE: eWeek, v17 n20 p95(2) May 15, 2000

ISSN: 1530-6283

HOME PAGE: <http://www.eweek.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Sage's Timeslips 10, the most recent release of the time and billing management product, gets excellent **marks** overall. **Timeslips** 10 also integrates with a site's accounting systems. Timeslips 10 has new features that permit broader-based account management, including support for discounts on early payments and improved handling of account credits. Timeslips 10 also provides support for audit trails that is useful to administrators who track transaction changes and for users responsible for

the changes. Timeslips is available in three levels: Standard Edition is level 1, while Timeslips levels 2 and 3 support more advanced billing choices and more elaborate and complicated reports. Levels 2 and 3 also permit an unlimited quantity of timekeepers, or individuals whose time and expense data can be tracked. Timeslips omits the Web-enabled interface option included in Office Timesheet 2000, but has more extensive application support. Navigator is the unified interface for Timeslips 10 that eases time and expense tracking tasks for all users. The Procedure Editor can macro-automate repetitive tasks, but does not permit creating macros by recording keystrokes and has no support for a standard macro language. Timeslips Accounting Link is now included at no extra cost and allows Timeslips 10 to link to about 30 general ledger applications. Timeslips eCenter, a Web-based front end to Timeslips, allows users to access billing features from any location via a Web browser.

PRICE: \$180

COMPANY NAME: Best Software Inc (112178)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Accounting; Audit; Billing; Intranets; Professional Time & Billing; Time Management
REVISION DATE: 20021125

18/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00122588 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Access (840114); System Performance (830286)

TITLE: Resolving Web Bottlenecks
AUTHOR: Poor, Alfred
SOURCE: Computer Shopper, v20 n2 p282(3) Feb 2000
ISSN: 0886-0556
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

The average computer user will appreciate this clearly written, informative introduction to the Web infrastructure and factors that can slow access to the Web. The author **begins** with a nontechnical description of Domain Name System (DNS) names and Internet Protocol (IP) addresses and then explains, in everyday language, the Internet's structure and how users find and access Web sites, or more importantly, what occurs in the process when users cannot **reach** their requested destination. Response time is limited both by the relative load on the host server and the amount of data traveling over the **connection**. Several diagnostic steps can **determine** the root of the 'site not found' message, **beginning** with testing the ISP name server's response to a request for an address known to be accurate. A quick fix is to hit the '**Stop**' button, then 'Refresh,' forcing the **connection** to be reestablished. There are five ways to use two DOS command-line utilities derived from UNIX commands, PING and TRACERT, to help troubleshoot Web slowdowns. The author includes helpful examples of proper syntax. Users should ping their computer with the loopback IP address; a fast response **time** confirming the **user**'s system is running correctly, a slow one **indicating** a problem with the TCP/IP installation. The use of TRACERT to trace ISP **connections** is also described.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Screen Layouts Tables
DESCRIPTORS: Computer Diagnostics; Internet Access; Internet Utilities; System Performance
REVISION DATE: 20010330

18/5/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00120336 DOCUMENT TYPE: Review

PRODUCT NAMES: Particle Studio (779814)

TITLE: Particle Studio from Digimation

AUTHOR: Mcelyea, Tim

SOURCE: DCC Magazine, v2 n8 p56(1) Sep/Oct 1999

ISSN: 1077-5862

HOME PAGE: <http://www.advanstar.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Digimation's Particle Studio, a particle system, gets very good marks overall, especially for a large feature set and easy installation and use. Particle Studio has a useful and innovative design that provides the expected feature set and a new ability to add 'events' that change properties, such as **start** time, **end** time, life span, particle count, and birth rate. The method is similar to key framing, but frames become events, and each event can have one or more settings change over **time** as the **user** wishes. An Event Map dialog box allows the user to track changes visually. For instance, to make a waterfall that flows down a series of steps, a Particle Studio object can be added and **bound** to a gravity space warp. The user can then add events that turn gravity binding on or off over time, based on horizontal or downward movement of particles. Particle Studio also has a sensible **interface** that is easy to learn and use. One particularly good feature allows users to explode an object into particles and reassemble them into another object, without using Booleans or transparent objects. Many types of particles are provided, including the expected ones, as well as stars, hearts, numbers, letters, users' **specific** geometries, and many others. Emitters can be circles and squares, among others, and particles can emerge from edges, vertices, emitter's volume, and elsewhere.

PRICE: \$595

COMPANY NAME: Digimation Inc (598577)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: Animation; Digital Video; Graphics Tools; Image Processing

REVISION DATE: 20010730

18/5/9

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00110540 DOCUMENT TYPE: Review

PRODUCT NAMES: Online Stock Trading (837407)

TITLE: Surviving The Wave

AUTHOR: Iverson, Wesley R

SOURCE: Financial Service ONLINE, p40(7) Jul/Aug 1998

ISSN: 1093-1244

HOME PAGE: <http://www.financialserviceonline.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Ameritrade, E-Trade, and Schwab are among 13 online brokerage systems measured for download times and failure rates. All electronic brokerage firms are gearing up for increasing growth, with 1998 numbers showing daily trades going up from 95,000 to over 191,000 online brokerage trades per day. Schwab has invested heavily in hardware and software upgrades and now handles five times as much trading volume as before the upgrades. Ameritrade is a deep-discount brokerage that saw its online account totals go from less than 100,000 to over 200,000 by March 1998. E-Trade's online system consists of Netscape Application Server and a server that provide maximum scalability, as well as BEA Systems' Tuxedo for time - stamping online transaction steps. Problems with scaling Common Gateway Interface (CGI)-based systems are also discussed.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Graphs
DESCRIPTORS: Internet; Internet Marketing; Online Stock Trading; Order Fulfillment; Stock Brokers; Stock Market
REVISION DATE: 20020630

18/5/10

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00109738 DOCUMENT TYPE: Review

PRODUCT NAMES: Simply Accounting 6.0 (017809); Peachtree Office Accounting (713775); MYOB Accounting Plus 7.5 (695505); DacEasy Accounting & Payroll 4.0 (684198); QuickBooks Pro 6.0 (585904)

TITLE: Big changes in low- end accounting software
AUTHOR: Needleman, Ted
SOURCE: Accounting Today, v12 n10 p28(5) Jun 8, 1998
ISSN: 1044-5714
HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

More and more, accountants are called on to recommend software to their clients, and they need to evaluate the top packages for small businesses: Simply Accounting 6.0 from Accpac International Incorporated (now from Computer Associates), Peachtree Office Accounting from Peachtree Software, MYOB Accounting Plus 7.5 from Best!Ware, DacEasy Accounting & Payroll 4.0 from DacEasy, and QuickBooks Pro 6.0 from Intuit Incorporated. Ease of use is an important criteria because customers will hold their accountants responsible if they recommend products that are hard to use. Simply Accounting is such a program--it is marketed to first-time users and smaller businesses, much like MYOB is. However, MYOB has an upgrade, and Simply Accounting does not. MYOB Premier, the upgrade, is network-enabled and very easy to set up and use. It is one of the few accounting products available for Macintosh. Peachtree Office Accounting is a brand new product designed to be used with Microsoft Office. It uses a Windows Explorer type view and offers some add-ins with extra features. DacEasy is similar to Peachtree in its innovative interface and ease of use. QuickBooks and QuickBooks Pro are Intuit's well known products. The Pro version adds time and billing as well as basic job costing abilities to the QuickBooks program. Unlike QuickBooks Pro and Peachtree's add-ins, DacEasy offers modest time and billing in the basic package. It is a comprehensive accounting system that includes inventory and payroll features with full network capabilities.

COMPANY NAME: ACCPAC International Inc (649775); Peachtree Software Inc (129241); MYOB US Inc (315885); DacEasy Inc (364495); Intuit Inc (447013)
SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Accounting; Financial Reporting; Inventory; Payroll;
Professional Time & Billing; Small Business
REVISION DATE: 20020923

18/5/11

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00108637 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Lotus Development Corp (850446);
Company--DataBeam Corp (865915); Company--IBM Corp (850225)

TITLE: Lotus buys its way to instant messaging
AUTHOR: Gardner, Dana Weil, Nancy
SOURCE: InfoWorld, v20 n21 p79(2) May 25, 1998
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Company

Lotus Development's parent, IBM, recently purchased two companies, DataBeam and Ubique. The technology acquired will permit Notes or browsers to compete more effectively with Microsoft's NetMeeting and other real-time client platforms. It also paves the way for Notes to be a client for Internet telephony. Both acquired companies will continue development and distribution of their own products. Real-time features will be integrated into early versions of the Notes 5.0 client, which should ship by the end of 1998. Servers could be bundled or integrated into the Domino server at some time in the future. First, Lotus will integrate the DataBeam and Ubique servers to market Lotus SameTime. Lotus' range of collaborative applications built from Domino can expand into the real-time market, and Real-time Notes would be coordinated with America Online offerings. Lotus also announced new pricing for Notes and Domino, in order to compete price-wise. Domino Mail is now Domino Mailbox, and Domino Mail Server will be sold on the server side without groupware abilities. DataBeam licenses technology to Microsoft for NetMeeting, and makes and markets real-time conferencing and distance learning servers based on the T.120 and H.323 standards.

COMPANY NAME: Lotus Development Corp (254975); DataBeam Corp (544175);
IBM Corp (351245)
SPECIAL FEATURE: Charts
DESCRIPTORS: E-Mail; Groupware; Network Software; Notes/Domino; Real Time
Data Acquisition; VoIP
REVISION DATE: 20020703

18/5/12

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00106495 DOCUMENT TYPE: Review

PRODUCT NAMES: TF2000 3.05 (697702)

TITLE: TaskForce 2000
AUTHOR: Staff
SOURCE: SC Infosecurity News Magazine, v8 n7 p44(1) Nov 1997
ISSN: 1096-7974
HOMEPAGE: <http://www.infosecnews.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

BOXWARE's TaskForce 2000 3.05 addresses the millennium bug for personal computers. While this problem is often associated with mainframes, many PCs will also suffer when they boot up on January 1, 2000; they may see data stored in nonvolatile CMOS memory as January 1, 1900. This may cause unexpected behavior in desktop applications, and could cause files to be incorrectly **date - stamped**. This can be simply tested on a single PC by setting the CMOS time/date to just before midnight, December 31, 1999, and checking to see if it rolls over correctly. The computer is then re-booted, and the administrator checks to see if the DOS date is correct. Afterwards, the dates are changed to what they should be. While this is quick for a single machine, checking each machine individually in a large organization could take a considerable amount of time. TaskForce 2000 automates the process. A check can be carried out by copying the program to a floppy and visiting each PC in turn, or the check could be run against a network file server. This causes the check to be run the next **time** each **end user** logs on. If the test fails, the program includes a fix for the problem, which takes the form of a memory-resident program that monitors dates seen from BIOS and DOS, and adjusts them if they do not roll over correctly.

COMPANY NAME: BOXWARE Inc (631094)
DESCRIPTORS: Computer Equipment; DOS; IBM PC & Compatibles; System Utilities; Y2K
REVISION DATE: 20021130

18/5/13

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00106283 DOCUMENT TYPE: Review

PRODUCT NAMES: Ray Dream 3D (687227)

TITLE: Ray Dream 3D
AUTHOR: Biedny, David
SOURCE: Macworld, v15 n2 p48(1) Feb 1998
ISSN: 0741-8647
HOMEPAGE: <http://www.macworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

MetaCreations' Ray Dream 3D is a scaled-down version of Ray Dream Studio and is ideal for new 3D designers. The low-cost title provides good depth and power and an automated modeling system that helps **beginners** create attractive 3D designs quickly. The wizards included in Ray Dream 3D are especially useful for business users. The wizards take users through every step of creating a custom final scene with **specified** elements. Ray Dream 3D includes over 750 3D models, 400 textures, and several sample scene setup files for getting **started** quickly. After moving past the basics, more advanced users will appreciate the extrusion, lathing, sweeping, and lofting tools that are common to other high- **end** illustration programs. Users get good control over the creation process. In addition, the program can convert TrueType and PostScript fonts into 3D type, and users get high control over beveled edges. The texture generation feature is excellent, and users can combine multiple surfaces using a flowchart **interface**. Using the animation **timeline**, **users** get basic velocity graph controls, although more advanced animation controls, such as inverse kinematics and motion constraints, are not present, nor is support for CMYK or image previews.

PRICE: \$149

COMPANY NAME: Viewpoint Corp (493601)
SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Animation; Apple Macintosh; CAD; Designers; Draw; Graphics
Tools; Image Processing; MacOS; Models
REVISION DATE: 20010430

18/5/14

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00102867 DOCUMENT TYPE: Review

PRODUCT NAMES: ON Command Comprehensive Client Manager (CCM) 4.0 Beta
(672572)

TITLE: Software Distribution for the Masses
AUTHOR: Sturdevant, Cameron
SOURCE: PC Week, v14 n34 p85(1) Aug 11, 1997
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

ON Technology's Command Configuration Manager (CCM) 4.0 beta, a software distribution and configuration management package, is a good choice for very large networks with many like-configured machines, assuming that administrators can work with the unfinished and difficult to learn application preparation utility. CCM can install both operating systems (OSs) and applications, and it automatically configures PCs that were not formerly **connected** to the network. PC configuration and software distribution functions are fully automated at the desktop. CCM, which is priced at the high **end**, is designed **specifically** for very large networks. Intel's LANdesk Configuration Manager, a turnkey electronic software distribution system that competes with CCM, costs much less. However, LANdesk can distribute OSs, but a technician has to **start** the process at each desktop, which is a tedious and task-intensive approach to such tasks in environments with many desktops. It uses hardware running under Windows NT 3.51, and requires an IntranetWare server to provide user directory information, while CCM requires no third-party hardware. CCM includes a software management application that operates on Solaris 2.5.1; software agents for each managed client; and a boot disk or boot ROM chip for each managed client. All new CCM users have to take part in a free consultation **session** in which **users** are taught how to integrate many extant systems under the CCM solution.

PRICE: \$200000

COMPANY NAME: ON Technology Corp (484229)
SPECIAL FEATURE: Charts Screen Layouts
DESCRIPTORS: Configuration Management; Electronic Software Distribution;
IBM PC & Compatibles; LANs; Network Administration; Network Software;
Software Version Control; Windows NT/2000
REVISION DATE: 20020630

18/5/15

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00101015 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Marketing (835552)

TITLE: Web Tracking: A Tower of Babble
AUTHOR: Taylor, Catherine P
SOURCE: Interactive Week, v4 n10 p26(1) Apr 7, 1997
ISSN: 1078-7259

HOME PAGE: <http://www.interactive-week.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Measuring the number of visitors to a World Wide Web site is a tricky task, because just about all language used to calculate the size of Web audiences is ambiguous. Visits to Web sites are variously defined, for example, as either a series of page impressions to one user in an uninterrupted sequence; **sessions per client per period** of time; or an ordered, **time - stamped** sequence of page requests from one user. Other definitions are used by an ad management company, an auditor, or a new media consultancy. Various organizations, therefore, are working to determine the actual extent of the problem and will formulate industry-approved definitions. The Internet Advertising Bureau, a trade group that represents content providers that seek ad revenues, will **begin** surveying members about suitable definitions. Another initiative is under way by the Coalition for Advertiser-Supported Information & Entertainment (CASIE) and the Advertising Research Foundation (ARF). The groups will establish what advertisers and sites agree upon as useful terminology. The ARF president says a disparity of 10 percent between audits on the same site is acceptable, but he does not believe the different methods will fall into this small range of differences. Auditors and counters could create roadblocks to an agreement because each believes its measurement is the most accurate.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Advertising; Internet Marketing; Market Research
REVISION DATE: 20010930

18/5/16

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00098766 DOCUMENT TYPE: Review

PRODUCT NAMES: FinWeb (643289); Netscape SuiteSpot Server (608891);
Lotus Notes (550418); Castanet (631167)

TITLE: Going to the Core
AUTHOR: Wilder, Clinton Stahl, Stephanie
SOURCE: Information Week, v600 p14(2) Oct 7, 1996
ISSN: 8750-6874
HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Corporations are increasingly using intranets as platforms to conveniently leverage information in existing databases and core business applications that usually run on host systems or client/server networks. Corporate intranets are user-friendly, cost-effective modes to distribute information among employees, with improved access and collaboration, and achieve bottom-line results, such as in inventory and sales. Benefits will improve as intranets deliver more digestible information faster and more frequently to many executives and managers. Client/server software vendors, particularly several **startup** ones, are quickly preparing their products so companies can easily establish and implement powerful intranets. With Marimba's Castanet, applications such as portfolio management and accounts receivable are easier to distribute and update on intranets. Castanet's Transmitter, in response to the desktop's Tuner hooked to channels containing customized news and other content, automatically and invisibly sends content updates and application code across the Internet or an intranet at **specified times to end - users**. Such products may

revolutionize the software industry. Marimba's Kim Polese says an upcoming Web breakthrough is having prime applications on intranets.

COMPANY NAME: Charles Schwab & Co Inc (394955); Netscape Communications Corp (592625); Lotus Development Corp (254975); Marimba Inc (622303)
SPECIAL FEATURE: Graphs
DESCRIPTORS: Alerts; Client/server; Electronic Software Distribution; Financial Reporting; Internet Utilities; Intranets; Network Software; Notes/Domino
REVISION DATE: 20021130

18/5/17

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00085898 DOCUMENT TYPE: Review

PRODUCT NAMES: TERSE 1. 13 (836265)

TITLE: TERSE: A Tiny Real-Time Operating System
AUTHOR: Kauler, Barry
SOURCE: Dr Dobb's Journal, v20 n12 p72(5) Dec 1995
ISSN: 1044-789X
HOMEPAGE: <http://www.ddj.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

TERSE (Tiny Embedded Real-time Software Environment), an operating system (OS) approximately 260 bytes big without network support and 450 bytes with network support, is for microcontrollers with only 1024 bytes of ROM and 64 bytes of RAM. It allows both OS and applications to be located on devices running embedded systems. TERSE's operation on an 8051 is described, but it is easily ported to other controllers. TERSE processes message interaction between nodes on a distributed system. Before calling a node, TERSE stores input messages in registers. The node knows their precise location because the 8051 has registers R0 to R7, and TERSE messages are stored into R1 and R4. Operation and testing are described. On a more powerful processor, for example, an 80x86 system, TERSE can be enhanced to **time - stamp** messages and to automatically synchronize internal clocks.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Embedded Systems; Operating Systems; Real Time Data Acquisition
REVISION DATE: 20000630

18/5/18

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00080812 DOCUMENT TYPE: Review

PRODUCT NAMES: ClarisImpact 2.0 Macintosh (465593); ClarisImpact 2.0 Windows (465593)

TITLE: 'Smart' ClarisImpact a more diverse rival to Visio
AUTHOR: Angus, Jeffrey Gordon
SOURCE: InfoWorld, v17 n32 p80(1) Aug 7, 1995
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review

GRADE: A

Claris's ClarisImpact 2.0 for the Macintosh OS is a worthwhile low end draw package with user productivity and ease of use features. The Mac/Windows product has approximately the same feature set as before, but more 'smart' and automated options are provided. Impact 2.0 for the PC is a 32-bit application with a Windows 95-style interface . It includes time-line graphics features that can determine one of three parameters if two are given (for start , duration, and end). Users can create time line images and use the package for basic project management functions; text labels can be added to line connectors , as well. The superb DataDraw tool converts numbers to graphs, charts, and time-line series, and the import module is eminently easy to use. Modifying styles applied to create a presentation is the most challenging and nonintuitive aspect of ClarisImpact 2.0.

PRICE: \$129

COMPANY NAME: Apple Computer Inc (114936)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: Apple Macintosh; Business Graphics; Draw; Graphics Tools; Image Processing; MacOS

REVISION DATE: 20001130

18/5/19

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00060162 DOCUMENT TYPE: Review

PRODUCT NAMES: Meeting Room (490695

TITLE: Eden Moves Meetings On-Line

AUTHOR: Rooney, Paula

SOURCE: PC Week, v11 n1 p31(1) Jan 10, 1994

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Meeting Room, for standalone and networked Windows, helps company divisions and workgroups to schedule meetings and make decisions. The product allows users to perform online meetings from beginning to end , setting up agendas, talking over issues, voting, and assigning work. The easy to use interface and toolbar allows beginners and seasoned computing experts to use icons for performing tasks related to the meeting . According to an oil and gas exploration and production company, the product is easy to use for noncomputer-literate personnel . Real-time mode is supported, or the user can enter the meeting on his or her own schedule, as needed. Meeting Room improves on other groupware solutions with its low price and meeting specific functions, including ranking.

PRICE: \$295

COMPANY NAME: Case Consult Corp (417254)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Conferencing; Decision Support Systems; Groupware; IBM PC & Compatibles; Meetings & Conventions

REVISION DATE: 19970730

Set	Items	Description
S1	22837	(USER? OR CLIENT? OR PATRON? OR VISITOR? OR SUBSCRIBER? OR NETIZEN? OR CLIENTELE OR CLIENTELLE OR PERSON? OR MEMBER) (2N) - (SESSION? OR INTERVAL OR TIME? OR PERIOD)
S2	36453	(TIME? OR DATE OR DAY) (2N) (STAMP? OR MARK?) OR DATEMARK? OR TIMESTAMP? OR DATESTAMP?
S3	133178	IDLE OR IDLES OR IDLING OR INACTIVE OR INERT OR INOPERATIVE OR UNUSED
S4	9551872	INTERACT? OR CONNECT? OR COMMUNICAT? OR INTERFACE? OR CONTACT? OR REACH? OR MEET? OR JOIN? OR BOUND?
S5	12388383	DETERMIN? OR CHOOS? OR DECID? OR RESOLV? OR ASCERTAIN? OR - SPECIF? OR DESIGNAT? OR STIPULAT? OR SIGNIF? OR INDICAT? OR DETECT? OR RECOGNI?
S6	3478723	END OR ENDING OR CEASE? OR CEASING OR CESSAT? OR CLOSE OR - CLOSING OR CLOSURE OR CONCLU? OR FINISH? OR STOP? OR TERMINAT?
S7	1637656	START? OR ARISE? OR BEGIN? OR COMMENC? OR ORIGINAT?
S8	174	S1 AND S2
S9	33	S8 AND S6
S10	16	S8 AND S7
S11	3555	S1 AND S6
S12	335073	S5 (3N) (S3 OR S4)
S13	82	S11 AND S12
S14	19	S11 (10N) S12
S15	64	S9 OR S10 OR S14
S16	50	S15 NOT PY>2000
S17	45	S16 NOT PD>20000630
S18	41	RD (unique items)
S19	41	S18 AND S1
S20	11	S19 AND S7
S21	41	S19 OR S20

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File 95: TEME-Technology & Management 1989-2002/Dec W2
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File 239: Mathsci 1940-2002/Feb
(c) 2002 American Mathematical Society

21/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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06161979 E.I. No: EIP02417137259

Title: Waiting times and output process of a server computed via Wiener-Hopf factorization

Author: Hasslinger, Gerhard

Corporate Source: DeTeSystem, D-64283 Frankfurt, Germany

Conference Title: Performance and Control of Network Systems II

Conference Location: Boston, MA, United States Conference Date: 19981102-19981104

Sponsor: SPIE

E.I. Conference No.: 59825

Source: Proceedings of SPIE - The International Society for Optical Engineering v 3530 1998. p 268-280

Publication Year: 1998

CODEN: PSISDG ISSN: 0277-786X

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical); X; (Experimental)

Journal Announcement: 0210W3

Abstract: Non-renewal processes are relevant in queueing analysis to include various types of traffic arising in integrated services communication networks. We consider a workload based approach to the single server queue in discrete time domain with semi-Markov arrivals (SMP/G/1). **Starting** from a subdivision of the busy periods, we generalize a computationally attractive algorithm for the discrete time G1/G/1 queue. The stationary distributions of the waiting and idle time as well as the moments of the busy period are computed. Performance results are given for deterministic servers with autoregressive input and the output process of a server is modelled by adapting a SMP of small size. 34 Refs.

Descriptors: Response time (computer systems); Client server computer systems; Queueing networks; Voice/data communication systems; Time domain analysis; Markov processes; Computational methods; Algorithms; Probability distributions; Regression analysis

Identifiers: Server waiting times; Server output process; Wiener-Hopf factorization; Single server queue; Discrete time domain; Semi-Markov arrivals; Autoregressive process

Classification Codes:

722.4 (Digital Computers & Systems); 723.5 (Computer Applications); 921.6 (Numerical Methods); 922.1 (Probability Theory); 922.2 (Mathematical Statistics)

722 (Computer Hardware); 723 (Computer Software, Data Handling & Applications); 921 (Applied Mathematics); 922 (Statistical Methods)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

21/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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05651983 E.I. No: EIP00095336416

Title: Integration of voice/data services over PACS systems using a movable boundary slot allocation scheme

Author: Wen, Jyh-Horng; Wang, Jee-Wey; Chang, Jyh-Yeuan

Corporate Source: Natl Chung Cheng Univ, Chiayi, Taiwan

Source: International Journal of Communication Systems v 13 n 5 Aug 2000. p 405-421

Publication Year: 2000

CODEN: IJCYEZ ISSN: 1074-5351

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0010W4

Abstract: The integration of voice and data services over PACS systems using a movable boundary scheme is studied. First, we use the theory of discrete-time Markov chain to analyse the system; then, an approximate

analysis using the continuous- **time Markov** chain model is conducted. For the initial access of voice calls we consider two distinct schemes: at most one idle slot being marked available, and all the idle slots being marked available. Numerical results show that the performance difference for voice calls between both schemes is trivial, but the former scheme offers a performance advantage for data calls over the latter scheme. Besides, the performance obtained by the continuous- **time Markov** model is very close to that obtained by the discrete- **time Markov** model. This finding suggests the effectiveness of the usage of the continuous- **time Markov** model, which can dramatically simplify the analysis. (Author abstract) 13 Refs.

Descriptors: Voice/data communication systems; **Personal** communication systems; **Time** division multiple access; Communication channels (information theory); Markov processes; Approximation theory; Mathematical models

Identifiers: Movable boundary slot allocation scheme; Integrated voice data services; Channel throughput

Classification Codes:

716.3 (Radio Systems & Equipment); 716.1 (Information & Communication Theory); 922.1 (Probability Theory); 921.6 (Numerical Methods)
716 (Radar, Radio & TV Electronic Equipment); 922 (Statistical Methods); 921 (Applied Mathematics)
71 (ELECTRONICS & COMMUNICATIONS); 92 (ENGINEERING MATHEMATICS)

21/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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05236703 E.I. No: EIP99024581776

Title: Planning of toll roads - Do public attitudes matter? Case of the Oslo toll ring

Author: Odeck, James; Brathen, Svein

Corporate Source: Norwegian Public Roads Administration, Oslo, Norway

Source: Transportation Research Record n 1649 Nov 1998. p 72-80

Publication Year: 1998

CODEN: TRREDM ISSN: 0361-1981

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9904W3

Abstract: In most countries, decisions on major infrastructure projects are most often carried out after a comprehensive public debate, especially when involving **user** payments. A **time**-series interview survey for the period 1989 to 1995 is used to review the Oslo toll ring scheme and determine and explain the public's attitudes toward the scheme. A multivariate model is developed to isolate factors that affect users' attitudes toward tolls. The results reveal that, although a majority of commuters oppose the toll system, the gap between those who are against and those who are in favor of the toll ring system is narrowing as the years go by. This narrowing process is analyzed. It is **concluded** that to achieve greater acceptability for tolling in road infrastructure funding, a more comprehensive range of targeted marketing efforts is required. Finally, a set of points of direct relevance for planning and marketing of future toll projects is proposed. (Author abstract) 9 Refs.

Descriptors: Toll highways; Highway planning; Traffic surveys; Mathematical models; **Time** series analysis; **Marketing**

Identifiers: Toll ring systems; Multivariate model

Classification Codes:

406.1 (Highway Systems); 432.1 (Highway Transportation, General); 912.2 (Management); 432.4 (Highway Traffic Control)
406 (Highway Engineering); 432 (Highway Transportation); 912 (Industrial Engineering & Management); 921 (Applied Mathematics)
43 (TRANSPORTATION); 91 (ENGINEERING MANAGEMENT); 92 (ENGINEERING MATHEMATICS)

21/5/4 (Item 4 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)
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05005566 E.I. No: EIP98054178886

Title: Service management using the Application Response Measurement API without application source code modification

Author: Haworth, Martin

Corporate Source: Hewlett-Packard Co

Conference Title: Proceedings of the 1997 23rd International Conference for the Resource Management & Performance Evaluation of Enterprise Computing Systems. Part 1 (of 2)

Conference Location: Orlando, FL, USA Conference Date: 19971207-19971212

E.I. Conference No.: 48275

Source: CMG Proceedings v 1 1997. CMG, Turnersville, NJ, USA. p 68-72

Publication Year: 1997

CODEN: CMPREY

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9806W4

Abstract: A key challenge facing IT Manager's is the measurement and management of **end user response times**. The ARM API provides a mechanism for addressing this key Service Management issue by the instrumentation of application code with response **time markers**. The availability of the ARM API has not, however, solved this problem for the many thousands of applications where source code changes are not possible. This presentation describes an alternative mechanism of utilizing the ARM API that provides the ability to acquire **end user response times** for applications without source code modification. (Author abstract)

Descriptors: Information technology; Response **time** (computer systems); **User** interfaces; Codes (symbols)

Identifiers: Application response measurement (ARM); Application programming interface (API); Application source codes

Classification Codes:

723.5 (Computer Applications); 722.4 (Digital Computers & Systems); 722.2 (Computer Peripheral Equipment); 723.2 (Data Processing) 903 (Information Science); 723 (Computer Software); 722 (Computer Hardware)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

21/5/5 (Item 5 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)
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04956950 E.I. No: EIP97083800590

Title: Development of handwritten character input interface for multimedia terminal and its applications

Author: Nakajima, Naoki; Miyahara, Sueharu; Wakahara, Toru; Odaka, Kazumi

Corporate Source: NTT Human Interface Lab, Yokosuka, Jpn

Source: Systems and Computers in Japan v 28 n 3 Mar 1997. p 82-90

Publication Year: 1997

CODEN: SCJAEP ISSN: 0882-1666

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review); T; (Theoretical)

Journal Announcement: 9804W5

Abstract: In a practical online character-recognition technique for the character input of a multimedia terminal, it is important to obtain a highly accurate real-time interface for handwritten characters. This paper describes a system that includes: (1) a method of character recognition tolerant to variations of handwriting; (2) fine discrimination logic for characters; (3) character recognition using stroke-end matching; (4) dictionary learning and algorithms for particular users; and (5) a front-end processor requiring fewer manual operations and having independence and adaptability for applications. The proposed method has been applied to a real medical reservation service, and its usefulness has

been confirmed. (Author abstract) 15 Refs.

Descriptors: Character **recognition** ; Digital **communication** systems;
Real **time** systems; **User** interfaces; Learning systems; Learning
algorithms; Online systems

Identifiers: Handwritten character input interface

Classification Codes:

723.4.1 (Expert Systems)

723.5 (Computer Applications); 722.3 (Data Communication, Equipment &
Techniques); 722.4 (Digital Computers & Systems); 722.2 (Computer
Peripheral Equipment); 723.4 (Artificial Intelligence)

723 (Computer Software); 722 (Computer Hardware); 716 (Radar, Radio &
TV Electronic Equipment)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

21/5/6 (Item 6 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04431532 E.I. No: EIP96063221519

Title: Pavlov: programming by stimulus-response demonstration

Author: Wolber, David

Corporate Source: Univ of San Francisco, San Francisco, CA, USA

Conference Title: Proceedings of the 1996 Conference on Human Factors in
Computing Systems, CHI 96

Conference Location: Vancouver, BC, Can Conference Date:
19960413-19960418

E.I. Conference No.: 44819

Source: Conference on Human Factors in Computing Systems - Proceedings
1996. ACM, New York, NY, USA. p 252-259

Publication Year: 1996

CODEN: 002163

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9608W3

Abstract: Pavlov is a programming By Demonstration (PBD) system that
allows animated interfaces to be created without programming. Using a
drawing editor and a clock, designers specify the behavior of a target
interface by demonstrating stimuli (**end - user** actions or **time**) and the
(**time - stamped**) graphical transformations that should be executed in
response. This stimulus-response model allows interaction and animation to
be defined in a uniform manner, and it allows for the demonstration of
interactive animation, i.e., game-like behaviors in which the **end -user**
(player) controls the speed and direction of object movement. (Author
abstract) 13 Refs.

Descriptors: *Graphical user interfaces; Computer programming; Computer
simulation; Human computer interaction; Animation; Response time (computer
systems); Computer graphics; Computer software

Identifiers: Programming by demonstration; **End** user programming;
Programming by example; Graphical transformations; Target interface

Classification Codes:

722.2 (Computer Peripheral Equipment); 723.1 (Computer Programming);

723.5 (Computer Applications); 722.4 (Digital Computers & Systems)

722 (Computer Hardware); 723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

21/5/7 (Item 7 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04242044 E.I. No: EIP95092844134

**Title: Distributed table-driven route selection scheme for establishing
real-time video channels**

Author: Chou, Chih-Che; Shin, Kang G.

Corporate Source: Univ of Michigan, Ann Arbor, MI, USA

Conference Title: Proceedings of the 15th International Conference on

Distributed Computing Systems

Conference Location: Vancouver, Can Conference Date: 19950530-19950602

Sponsor: IEEE Computer Society

E.I. Conference No.: 43505

Source: Proceedings - International Conference on Distributed Computing Systems 1995. IEEE, Piscataway, NJ, USA, 95CH35784. p 52-59

Publication Year: 1995

CODEN: PICSEJ

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 9510W5

Abstract: To guarantee the delivery of real-time messages before their deadline, a real-time connection or channel must be established before the transmission of any real-time messages. During this channel-establishment phase, one must first select a route between the source and destination of this channel and then reserve sufficient resources along this route so that the worst-case end-to-end delay over the selected route may not exceed the user-specified delay bound. We propose a table-driven distributed route-selection scheme that is guaranteed to find a 'qualified' route, if any, that meets the performance requirement of the requested channel without compromising any of the existing guarantees. The proposed scheme uses the Bellman-Ford shortest path algorithm to build real-time delay tables, and hence, can solve the route-selection problem by a simple table look-up. Several examples are presented to demonstrate the effectiveness of the proposed distributed route-selection scheme. (Author abstract) 7 Refs.

Descriptors: Algorithms; Communication channels (information theory);

Video signal processing; Table lookup; Data communication systems; Real time systems; User interfaces; Network protocols

Identifiers: Real time video channels; Distributed route selection scheme; Bellman Ford shortest path algorithm

Classification Codes:

921.6 (Numerical Methods); 716.1 (Information & Communication Theory);

716.4 (Television Systems & Equipment); 723.1 (Computer Programming);

722.3 (Data Communication, Equipment & Techniques); 722.4 (Digital

Computers & Systems)

921 (Applied Mathematics); 716 (Radar, Radio & TV Electronic Equipment)

; 723 (Computer Software); 722 (Computer Hardware)

92 (ENGINEERING MATHEMATICS); 71 (ELECTRONICS & COMMUNICATIONS); 72

(COMPUTERS & DATA PROCESSING)

21/5/8 (Item 8 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04076900 E.I. No: EIP95022585096

Title: Design and implementation of extended Boolean and comparison operators for time-oriented query languages

Author: Bassiouni, Mostafa A.; Mukherjee, Amar; Llewellyn, Mark J.

Corporate Source: Univ of Central Florida, Orlando, FL, USA

Source: Computer Journal v 37 n 7 1994. p 576-587

Publication Year: 1994

CODEN: CMPJA6 ISSN: 0010-4620

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9504W4

Abstract: Standard Boolean and comparison operators are based on the True/False logic and are therefore not quite suitable for handling events/activities defined over periods of time. In this paper, we generalize the Boolean and comparison operators by allowing their input and output operands to be sets of time intervals. Efficient algorithms for the implementation of the extended operators are presented. The generalized operators can be used to enhance the user interface of time-oriented query languages and allow application users to express their time-related qualifications more succinctly and elegantly. The paper is concluded by examples showing the flexibility of the extended operators in expressing

time-related requirements. (Author abstract) 19 Refs.

Descriptors: *Boolean functions; Query languages; Logic gates; Algorithms ; User interfaces; Relational database systems; Formal logic

Identifiers: Extended Boolean; Comparison operators; Time oriented query languages; **Time stamping** scheme

Classification Codes:

721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 723.3 (Database Systems); 721.2 (Logic Elements); 921.6 (Numerical Methods); 722.2 (Computer Peripheral Equipment)

721 (Computer Circuits & Logic Elements); 723 (Computer Software); 921 (Applied Mathematics); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

21/5/9 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01802534 ORDER NO: AADAA-I9945200

ASSESSMENT OF HONG KONG SHARK FIN MARKET: IMPLICATION FOR FISHERY MANAGEMENT (CHINA)

Author: FONG, QUENTIN SAI WING

Degree: PH.D.

Year: 1999

Corporate Source/Institution: UNIVERSITY OF RHODE ISLAND (0186)

Major Professor: JAMES L. ANDERSON

Source: VOLUME 60/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3048. 137 PAGES

Descriptors: ECONOMICS, AGRICULTURAL ; FISHERIES

Descriptor Codes: 0503; 0792

International exports of fishery products increased from 23.99 million metric tons (mt) in 1981 to 47.55 million mt in 1995, an increase of almost 96%. As a result of this increase, important issues **arise**. First, information concerning product distribution and flow, **end**-user preferences, pricing, processing and fishery technology are needed to ensure the success of seafood marketing in domestic and international markets. Second, from a fishery management perspective, managers and resource **users** can incorporate **timely market** information into their analyses to attain the objective of maximizing net economic yield of the resource.

This research uses the Hong Kong shark fin market as a case study to address the above issues. First, a market preference study of dried-processed shark fins in Hong Kong was conducted to determine which product characteristics **end**-users favor. Three methods were employed: self-explicated utility study, conjoint analysis, and hedonic price analysis. The results of the hedonic price analysis and conjoint analysis were then integrated independently with the growth functions of the blacktip shark *Carcharhinus limbatus* to develop two market preference—cohort models. The optimal harvest size and age of the blacktip cohort, that maximize gross revenue, were investigated for both models.

Results from the hedonic price analysis and conjoint experiment indicated that larger size fins were significantly preferred to smaller sized fins. Regarding the types of fins, results from the conjoint experiment showed that the caudal fin was preferred to dorsal; and the dorsal fin was significantly preferred to pectoral. Hedonic price analysis also showed that the caudal fin was significantly preferred to dorsal and pectoral fins. These results were generally in agreement with the self-explicated utility measure.

Maximizing the gross revenue of a single cohort of blacktip shark, *Carcharhinus limbatus*, under all natural mortality and discount rate scenarios showed that the optimal harvest size and age for the conjoint market—cohort model was larger (older) than the hedonic market—cohort model. This difference can be attributed to the assumption of the different management objectives and the functional forms

used for the two models.

21/5/10 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01660878 ORDER NO: AAD99-03492
MARKING TIME : CORPORATE RITUALS OF BLESSING FOR LIFE TRANSITIONS
(RITES OF PASSAGE)
Author: FILLETTE, BARBARA D.
Degree: D.MIN.
Year: 1998
Corporate Source/Institution: PRINCETON THEOLOGICAL SEMINARY (0182)
Adviser: RICHARD K. FENN
Source: VOLUME 59/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3042. 282 PAGES
Descriptors: THEOLOGY
Descriptor Codes: 0469

This project presents a resource for corporate worship consisting of eight transition rituals designed to address changes that occur over the course of time: retirement; illness; pregnancy; loss of a child due to miscarriage, abortion, or early death; divorce or **termination** of a relationship; graduation; unemployment or unsuitable employment; and moving away.

The reason this project is needed is that Protestant churches, responding to ritual overload at the time of the Reformation, jettisoned many forms of ceremonial life in an attempt to make clear the central theological ideas of Christianity. This resulted in too few ritual pathways for the transitional times of life, and led to a reliance on rational thought that does not adequately address the perplexing and often painful changes to which people and families must adjust in the course of a lifetime.

This investigation asks the question: what meanings do people make of rituals that are offered by the church at times when life is changing? The data generated by this study shows that rituals are a way of **marking time**. They **mark time** both in the sense of differentiating a new time from a former time and in the sense of suspending **time** while **persons** and groups reorient themselves. This study shows that there is a hunger among people for ways to connect with the sacred dimension of life, a hunger that becomes most keen at times of change. Ritual is a tool for making this connection. Often in the course of a corporate ceremony of passage people alter their understanding of the passing of time in such a way that there can be a fleeting experience of transcending time or a new resolve to value the time remaining. When a transition ritual has come to its **conclusion** the person is often energized and fortified. For the congregation there is new vitality as well. There is increased openness among persons as losses are validated and secrets once privately kept are shared.

21/5/11 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01438263 ORDER NO: AADAA-I9535140
AGRICULTURE'S SECOND GREAT DEPRESSION OF THE TWENTIETH CENTURY: FEDERAL POLICY AND THE AGRICULTURAL ECONOMY OF THE 82-COUNTY PRIMARY MEMPHIS TRADE REGION (PMTR) BETWEEN 1969 AND 1987 (TENNESSEE, KENTUCKY, MISSOURI, ARKANSAS, MISSISSIPPI)
Author: CAMPBELL, TIMOTHY RICHARD
Degree: PH.D.
Year: 1995
Corporate Source/Institution: THE UNIVERSITY OF MEMPHIS (1194)
Major Professor: F. JACK HURLEY
Source: VOLUME 56/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

Descriptors: HISTORY, UNITED STATES ; ECONOMICS, AGRICULTURAL

Descriptor Codes: 0337; 0503

The history of the agricultural economy of the 82-county Primary Memphis Trade (PMTR) Region, between 1969 and 1987, was reconstructed in order to analyze events related to agriculture's second Great Depression of the 20th Century, which occurred in the early 1980s, and to investigate the impact of federal policy on the agricultural economy of the PMTR. Official government census data were used to specifically reconstruct events in this period. Personally signed policy statements, by respective U.S. presidents, in The Economic Report of the President, published each year, were used, primarily, to determine the applicable federal policy. Personal interviews of area agribusiness leaders, conducted by the author, were used to confirm various aspects of key events in the period investigated. Multiple secondary sources were consulted in order to determine why events happened as they did.

The fact that both U.S. and PMTR real (1982 dollars) net farm income reached a modern peak in 1973 but fell to their lowest level of the 20th Century in 1983 was the key indication of a dramatic upheaval within the agricultural economies of both the U.S. and PMTR. This fact was confirmed in several different ways from multiple primary and secondary sources. Additional findings included the identification of the progressive colonialization of the Region's economy and the degree of income leakage experienced by this economy as a result of the style of agriculture practiced by area farmers and encouraged by the land-grant university system.

The key conclusion reached is that a significant shift in federal policy in the early 1970s, toward more market-based initiatives, inadvertently precipitated agriculture's second Great Depression of the 20th Century as well as greatly expanded the pace of colonialization within and amount of income leakage from the Region's economy. Suggestions for improving the health and vitality of the Region's economy include (1) reducing the more than \$10 billion of annual income leakage by developing the manufacturing capacity to increase the local processing of area crops which results from exporting these crops unprocessed, (2) encouraging area farmers to diversify into sustainable, alternative production methods that are more environmentally friendly, less dependent on government support, and which decrease the exposure of area farmers to the vicissitudes of the world market, and (3) in anticipation of continued downsizing of government at all levels, emphasizing a renewed spirit of community and individual self-sufficiency. By inference, these suggestions are applicable to literally all similar areas within the U.S. and many parts of the world and are intended to serve as a positive contribution to the search for reviving and enhancing the economic self-sufficiency of regional economies.

21/5/12 (Item 4 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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1079576 ORDER NO: AAD89-20618

UNDERSTANDING USER ERRORS IN DATABASE QUERY

Author: SMELCER, JOHN B., II

Degree: PH.D.

Year: 1989

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

CHAIR: JUDITH S. OLSON

Source: VOLUME 50/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3022. 175 PAGES

Descriptors: COMPUTER SCIENCE; PSYCHOLOGY, EXPERIMENTAL; BUSINESS
ADMINISTRATION, GENERAL

Descriptor Codes: 0984; 0623; 0310

SQL (Structured Query Language) is the de facto standard language for querying databases. Unfortunately, users commit many errors when using SQL. The most common error is the omission of the "join statement," which

indicates how to combine multiple database tables. This error wastes users' time for error correction, at an annual cost of approximately \$53 million, but also returns answers that may be undetectably wrong. This dissertation guides the solution of this serious user error.

This error can be fixed in many ways. In order to choose the most effective way, we need to consider the cognitive causes of the error, the set of available solutions, and the costs to the individuals involved. This dissertation first attempts to narrow the solution space by isolating the effective cognitive causes of this error. It then evaluates the remaining solutions for their costs and benefits.

Isolation of the cognitive causes required construction of a new model of query writing, combining a task analysis with known characteristics of the human information processor. Because an analysis of existing data was not sufficient to isolate the causes of the error, a controlled study was run. Results of that study indicate that four factors contributed to the join omission: incorrect user knowledge, absence of a cue, overloading the user's working memory capacity, and functional fixedness.

Since many factors contributed to the error, the multiple, appropriate solutions were evaluated for their costs and benefits to the end user, the software designer, and the information systems manager. This evaluation indicates that end users will always prefer an intelligent interface, since it requires the least time, but information systems managers will choose different solutions depending on the number of query users in their organization.

This dissertation contributes a cognitive model of query writing, used to isolate causes of user-interface errors, and a method for evaluating the costs and benefits of various solutions to user-interface problems.

21/5/13 (Item 5 from file: 35)
DIALOG(R) File 35:Dissertation Abs Online
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879980 ORDER NO: AAD85-08553

EXPECTANCY AND TESTING EFFECTS IN MARATHON ENCOUNTER GROUP OUTCOME RESEARCH

Author: WASSERMAN, DANIEL BARACK

Degree: PH.D.

Year: 1984

Corporate Source/Institution: UNIVERSITY OF MARYLAND (0117)

Source: VOLUME 46/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 667. 251 PAGES

Descriptors: PSYCHOLOGY, CLINICAL

Descriptor Codes: 0622

Past research suggested that marathon encounter groups are effective in promoting positive changes among most participants. However, methodological shortcomings and ambiguous research findings undermined confidence in conclusions about this treatment format. The current study sought to identify two sources of such ambiguity and to discover how research findings may have been distorted by their presence across a broad range of studies.

A review of research on marathon encounter group outcome revealed 12 studies which reported significant improvements over time on the Personal Orientation Inventory for both experimental and control subjects. It was hypothesized that such changes may have been due to an expectancy factor operating across both experimental and control groups. Alternatively, such changes may have been due to the effects of repeated exposure of subjects to test instruments.

Both hypotheses were examined simultaneously in a sample of 32 community college students, half of whom were expecting a group treatment. Subjects took the Personal Orientation Inventory three times during a six-week period. A posttest-only control-group design and a 2 (expectancy vs. no expectancy) by 3 (time of testing) repeated measures analysis of variance statistical procedure were utilized.

Results revealed no significant between-groups differences. However, comparisons over the three test administrations revealed highly significant increases over time for both groups. The interaction between

the expectancy and repeated testing variables **reached** statistical **significance** on one of 12 Personal Orientation Inventory scales.

It was **concluded** that there was little evidence for an expectancy effect and considerable evidence for a testing effect. The major implication was that research on marathon encounter group outcome may have been subject to distortions in estimates of treatment effects. Overestimation or underestimation of treatment effects may have resulted from such distortions, depending upon the design and statistical procedures employed in a given study. However, a broad underestimation of treatment effects seems most likely in light of the types of designs and statistics most commonly utilized in group outcome research. It was recommended that past group outcome studies be re-examined individually in light of the current findings.

21/5/14 (Item 6 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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836224 ORDER NO: AAD84-04685

IN THEIR OWN WORDS: **THE PSYCHOSOCIAL ADJUSTMENT OF A GROUP OF RESIDENTS LIVING AT A SUBSIDIZED HOUSING COMPLEX FOR THE ELDERLY**

Author: MADDEN, RICHARD K.

Degree: ED.D.

Year: 1984

Corporate Source/Institution: BOSTON UNIVERSITY (0017)

Source: VOLUME 44/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3573. 185 PAGES

Descriptors: PSYCHOLOGY, SOCIAL

Descriptor Codes: 0451

This study explores the psychosocial adjustment of fourteen residents living at a large government subsidized housing complex for the elderly.

The purpose of the study is twofold: first, to learn what impact residency at the complex has on the lives of the elderly who reside there, and second, to gain insight and understanding into their overall psychosocial adjustment to life in old age.

Results of the study indicate that there are three major components that make up a good adjustment to life in old age: a satisfactory place to live, satisfactory health and satisfactory personal relationships.

Without exception, study participants reported that they had bettered their lives by moving to the housing complex. Adjustment **time** varied from **person** to person but everyone interviewed said they felt relaxed and independent in their new environment. Some study participants viewed adjustment in terms of adapting to their new physical surroundings while others described it primarily as a process of learning to live in close proximity to a large number of new neighbors.

The general psychosocial adjustment of study participants to life in old age was evaluated in terms of such factors as health, spiritual life, economic status, **contact** with **significant** others, use of **time**, **personal** happiness and choice of wishes.

Although they suffered from a variety of physical concerns, study participants in general led active lives and believed themselves to be fortunate when they compared their health to others their age.

Most study participants were in frequent contact with significant others. Contact took the form of visiting, telephoning and letter writing. Such contact often occurred on a daily basis, but for some it was much more irregular. Friendships had been formed by some interviewees with other residents and these individuals enjoyed socializing together.

When study participants were asked to make three wishes, most said they could not think of three. Most wishes were present or future oriented and grounded in reality. They reflected residents' concern with their own good health, their loved ones and issues connected with their daily lives.

21/5/15 (Item 7 from file: 35)
DIALOG(R) File 35:Dissertation Abs Online
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770477 ORDER NO: AAD82-04654

THE ALLOCATION OF TIME IN THE HOUSEHOLD - A THEORY OF MARRIAGE AND DIVORCE

Author: GERSON, JANET

Degree: PH.D.

Year: 1981

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

Source: VOLUME 42/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4076. 137 PAGES

Descriptors: ECONOMICS, GENERAL

Descriptor Codes: 0501

The household is the basic decision-making unit in our society. Economists typically view the household as a single-person decision-making unit. The husband and the wife, however, both have preferences that must be taken into account when any decision regarding allocation of a **person's** **time** in the household is made.

Since marriage is almost always a voluntary action on the part of the husband and the wife, there must be gains (in utility) from marriage for the couple to be married. These gains from marriage are due to division of labor in the household and joint enjoyment of public activities. There are also tradeoffs in utility between the husband and the wife.

The problem facing the household is set up as a maximization problem. The utility of the wife as well as that of the husband is maximized subject to a budget, time, existence of gains, and power condition constraint. The allocation of **time** and **market** goods in the household is assumed to be efficient. The gains from a particular marriage are shown to be greater, in theory, the more negatively related the traits of the husband and the wife that are **close** substitutes in market and household production and the more similar the husband and wife's preferences for activities that are potentially public. The data in my empirical work indicate that gains from marriage exist due to division of labor in the household and the joint enjoyment of public activities.

The characteristics that influence preferences, determine productivity in the production of activities, and determine wage earning capacity may change from one time period to another. The household must then reevaluate its situation and obtain a new solution to the problem of the allocation of time in the household. When the model is extended to two time periods, marital adjustment and divorce can be incorporated into the model.

Unexpected changes in characteristics that contribute to gains from marriage are shown, in theory, to be maritally destabilizing. Unexpectedly high, as well as unexpectedly low earnings or large deviations between the planned and actual number of children in the household are examples of maritally destabilizing events. The larger the gains from marriage before the unexpected event, the less likely it is to cause the marriage to **end** in divorce.

21/5/16 (Item 1 from file: 202)
DIALOG(R) File 202:Information Science Abs.
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3102337

Real time user indexing of random access time stamp correlated databases.

Author(s): Lamming, M G

Patent Number(s): US 5535063

Publication Date: Jul 9, 1996

Language: English

Document Type: Patent

Record Type: Abstract

A note-taking system based on a notepad computer with an integrated audio/video-recorder is described. A document is created or retrieved. As the user types on the keyboard or writes with the stylus or similar input instrument, each character or stroke that is input by the **user** is invisibly **time - stamped** by the computer. The audio/video stream is also continuously **time - stamped** during recording. To play a section of recording back, the user selects part of the note (perhaps by circling it with a stylus) and invokes a "playback selection" command. The computer then examines the **time - stamp** and "winds" the record to the corresponding place in the audio/video recording, where it **starts** playing-so that the user hears and/or sees what was being recorded at the instant the selected text or strokes were input. With a graphical user interface, the user may input key "topic" words and subsequently place check marks by the appropriate word as the conversation topic veers into that neighborhood.

Descriptors: Databases; Graphical user interfaces; Indexing; Laptop computers

Classification Codes and Description: 3.01 (Writing and Recording); 4.07 (Classification, Indexing, and Thesauri); 5.08 (Graphics and Displays)

Main Heading: Information Generation and Promulgation; Information Recognition and Description; Information Processing and Control

21/5/17 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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6949687 INSPEC Abstract Number: C2001-07-6150N-140

Title: Deterministic CORBA ORB (DORB) for distributed real-time applications

Author(s): Oquendo, L.S.; Attoui, A.

Author Affiliation: ESIA Eng. Sch., Savoie Univ., Annecy, France

Conference Title: Proceedings of the 3rd Annual IASTED International Conference Software Engineering and Applications (SEA'99) p.320-4

Editor(s): Debnath, N.C.; Lee, R.Y.

Publisher: IASTED-Acta Press, Anaheim, CA, USA

Publication Date: 1999 Country of Publication: USA viii+428 pp.

ISBN: 0 88986 273 7 Material Identity Number: XX-1999-03047

Conference Title: Proceedings of SEA'99: 3rd Annual IASTED International Conference on Software Engineering and Applications

Conference Sponsor: Int. Assoc. Sci. & Technol. Dev. (IASTED)

Conference Date: 6-8 Oct. 1999 Conference Location: Scottsdale, AZ, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: We propose an alternative approach for dealing with services and distributed real-time applications in CORBA environments. Our approach, called Deterministic CORBA ORB (DORB), provides the base for the implementation of services and distributed real-time applications on intranets and the Internet. DORB is based on a time bounded atomic multicast protocol and a statistical observer component to make estimations of transmission delays of the network. Its most important feature is to guarantee the **determinism**, in a **bounded** time, of the whole **end-to-end** path of a **real-time client-server** interaction (transmission delays plus server processing rime). DORB is especially adapted to handle critical periodic tasks. It does not necessitate real-time operating system for BOA (Basic Object Adapter) implementation. (10 Refs)

Subfile: C

Descriptors: client-server systems; distributed object management; quality of service; real-time systems

Identifiers: Deterministic CORBA ORB; DORB; distributed real-time applications; intranets; Internet; time bounded atomic multicast protocol; statistical observer; transmission delays; end-to-end path; **real-time client-server** interaction; server processing rime; critical periodic tasks

; BOA; Basic Object Adapter; real-time CORBA; middleware; Common Object
Request Broker Architecture; real-time constraint; quality of service
Class Codes: C6150N (Distributed systems software); C6110J (Object-oriented programming)
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21/5/18 (Item 2 from file: 2)
DIALOG(R) File 2:INSPEC
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6744257 INSPEC Abstract Number: B2000-12-0170E-006

Title: Don't let the cost of HALT stop you

Author(s): Tustin, W.; Gray, K.

Author Affiliation: Equipment Reliability Inst., Santa Barbara, CA, USA

Journal: EE Evaluation Engineering vol.39, no.9 p.72, 74-6, 78

Publisher: Nelson Publishing,

Publication Date: Sept. 2000 Country of Publication: USA

CODEN: EEVEFQ ISSN: 0149-0370

SICI: 0149-0370(200009)39:9L:72:CHS;1-M

Material Identity Number: F359-2000-010

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The decision to adopt highly accelerated life testing (HALT) is not always easy. After all, company financial resources are involved. However, the costs of not using this reliability-enhancement tool may outweigh its expense. Unfortunately, many product manufacturers have found that the cost of not investing in HALT can be extremely high. HALT is a proven technique for evaluating the reliability of a new product in just a few days to see if it will perform satisfactorily for several years, allowing the user to meet time-to-market pressures more easily. An outside laboratory can be used for HALT or a company can invest in equipment of its own. The latter approach has a higher up-front cost but many benefits if developing several products every year. (0 Refs)

Subfile: B

Descriptors: cost-benefit analysis; electronic equipment manufacture; electronic equipment testing; environmental testing; failure analysis; life testing; product development; reliability

Identifiers: HALT cost; highly accelerated life testing; HALT; company financial resources; reliability-enhancement tool; product manufacturers; HALT investment; product reliability; time-to-market; outside test laboratory; HALT equipment; up-front cost; product development

Class Codes: B0170E (Production facilities and engineering); B0170N (Reliability); B0140B (Planning)

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21/5/19 (Item 3 from file: 2)
DIALOG(R) File 2:INSPEC
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6683245 INSPEC Abstract Number: C2000-10-7140-014

Title: Paperless direct radiological report writing: effect on throughput and productivity in a university hospital

Author(s): Voellmy, D.R.; Debattin, J.F.; Handgratinger, O.; Marincek, B.

Author Affiliation: Dept. of Med. Radiol., Zurich Univ. Hospital, Switzerland

Conference Title: CARS'99 Computer Assisted Radiology and Surgery. Proceedings of the 13th International Congress and Exhibition p.484-8

Editor(s): Lemke, H.U.; Vannier, M.W.; Inamura, K.; Farman, A.G.

Publisher: Elsevier Science, Amsterdam, Netherlands

Publication Date: 1999 Country of Publication: Netherlands xlvi+1111 pp.

ISBN: 0 444 50290 4 Material Identity Number: XX-1999-01139

Conference Title: Proceedings of 13th International Symposium on Computer Assisted Radiology and Surgery (CARS'99)

Conference Date: 23-26 June 1999 Conference Location: Paris, France

Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A)

Abstract: The goal of this study was to verify the effectiveness of direct report writing as part of a comprehensive reorganisation in a university hospital's radiology department. Radiological report writing is performed on 40 personal computers with Microsoft Word connected to a radiological information system (RIS). Since 1996, a paperless workflow has been in operation: reports are dictated by radiology residents, transcribed by typists, proof-read by radiology residents and verified by staff radiologists. In August 1998, direct report writing was extended to all reporting rooms: reports were typed into the system during film reading by radiology residents with consecutive on-site report verification by a staff member. To evaluate time - stamps, we analysed the RIS database with a database query tool. The results showed that the median time from the end of a procedure to the final report could be lowered to 45 minutes. Consequently, the formerly performed electronic transfer of preliminary reports-a permanent source of misunderstandings-could be stopped. Direct report writing streamlined the reporting process of our institution. The number of personnel designated to transcribe reports could be reduced, which allowed us to enhance the radiological capacity. Acceptance for direct report writing among radiologists was good. (7 Refs)

Subfile: C

Descriptors: dictation; medical information systems; microcomputer applications; radiology; word processing

Identifiers: paperless direct radiological report writing; throughput; productivity; university hospital; departmental reorganisation; radiology department; personal computers; Microsoft Word; radiological information system; paperless workflow; report dictation; transcription; proofreading; film reading; on-site report verification; time - stamp evaluation; database query tool; streamlining; radiological capacity; acceptance; 45 min

Class Codes: C7140 (Medical administration); C7106 (Word processing)

Numerical Indexing: time 2.7E+03 s

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21/5/20 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6287955 INSPEC Abstract Number: C1999-08-6130M-011

Title: Interactive movie system with multi-person participation and anytime interaction capabilities

Author(s): Nakatsu, R.; Tosa, N.; Ochi, T.

Author Affiliation: ATR Commun. Syst. Res. Labs., Kyoto, Japan

Conference Title: Proceedings ACM Multimedia 98 p.129-37

Publisher: ACM, New York, NY, USA

Publication Date: 1998 Country of Publication: USA 1+474 pp.

ISBN: 1 58113 036 8 Material Identity Number: XX-1998-02107

U.S. Copyright Clearance Center Code: 1 58113 036 8/98/0008.\$5.00

Conference Title: Proceedings of 6th ACM International Multimedia Conference

Conference Sponsor: ACM

Conference Date: 12-16 Sept. 1998 Conference Location: Bristol, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Interactive movies, in which interaction capabilities are introduced into movies, is considered to be a new type of media that integrates various media, including telecommunications, movies, and video games. In interactive movies, people enter cyberspace and enjoy the development of a story there by interacting with the characters in the story. We first explain the concept of interactive movies using examples of movies developed on a prototype system, then describe techniques for improving the interactivity. The current system incorporates two significant improvements for multimedia interactivity: the introduction of interaction at any time and two-person participation through the use of network communications. The software and hardware configurations of the

system are briefly summarized. The paper concludes with an example of an interactive story installed on this system and briefly describes the interaction between the participants and the system. (10 Refs)

Subfile: C

Descriptors: computer games; interactive systems; multimedia systems; user interfaces

Identifiers: interactive movie system; multi-person participation; anytime interaction; telecommunications; video games; cyberspace; prototype system; interactive story

Class Codes: C6130M (Multimedia); C6180 (User interfaces); C7830D (Computer games)

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21/5/21 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5753658 INSPEC Abstract Number: A9724-8770-003, B9712-7500-010, C9712-7410H-076

Title: Hardware and software development for safety-related medical devices

Author(s): Orkiszewski, J.

Author Affiliation: Med. Group, Coherent Inc., Palo Alto, CA, USA

Conference Title: Safety and Reliability in Emerging Control Technologies. A Postprint Volume from the 2nd IFAC Workshop p.49-53

Editor(s): Hilburn, T.; Suski, G.; Zalewski, J.

Publisher: Pergamon, Oxford, UK

Publication Date: 1996 Country of Publication: UK ix+287 pp.

ISBN: 0 08 042610 7 Material Identity Number: XX97-02587

Conference Title: Safety and Reliability in Emerging Control Technologies. Postprint volume from the 2nd IFAC Workshop

Conference Sponsor: IFAC

Conference Date: 1-3 Nov. 1995 Conference Location: Daytona Beach, FL, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Addresses various aspects of system level design of a safety-related medical device. The main factors influencing the design and its division between software and hardware are: main hazards, intended use of the device and severity of a potential failure. Other factors include probability of change, testability and volume of production. End user's profile, time-to-market and life cycle of the device are also reviewed. The impact of both domestic and international regulations is discussed. A high level design process of an example medical laser is presented. (3 Refs)

Subfile: A B C

Descriptors: biomedical equipment; computerised control; computerised monitoring; safety; software engineering; standards

Identifiers: software development; hardware development; system level design; hazards; intended use; potential failure; testability; end user's profile; time-to-market; life cycle; international regulations; domestic regulations; medical laser; safety-related medical devices

Class Codes: A8770 (Biomedical engineering); B7500 (Medical physics and biomedical engineering); C7410H (Computerised instrumentation); C7420 (Control engineering computing); C6110B (Software engineering techniques); C3385 (Biological and medical control systems); C7330 (Biology and medical computing)

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21/5/22 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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4984002

Title: SWEEP for Windows NT (virus protection software)

Author(s): Burchell, J.

Journal: Virus Bulletin p.18-20

Publication Date: June 1995 Country of Publication: UK

CODEN: VBULE3 ISSN: 0956-9979

U.S. Copyright Clearance Center Code: 0956-9979/95/\$0.00+2.50

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: SWEEP for NT offers the same excellent level of virus protection as SWEEP for NetWare. Used in conjunction with InterCheck, workstations should have complete protection against infection. However, there are issues concerning real-time protection for clients running operating systems other than DOS which must be resolved, and the interface to SWEEP should be changed to a GUI-based system. These considerations aside, it can be seen from the table at the end of this article that SWEEP for NT scored 100% in every test-set. Such results are not to be sneered at, and once Sophos has polished the product to its own satisfaction, it has the potential to remain a market leader. (0 Refs)

Subfile: D

Descriptors: computer viruses; groupware; software reviews

Identifiers: Windows NT; Sophos SWEEP Virus Detection; virus protection; InterCheck; workstations; infection; real-time protection; operating system; market leader; workgroup computing; peer to peer networking; on-demand scanning

Class Codes: D2010 (Business and professional); D5000 (Office automation - computing)

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21/5/23 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00600011 00WQ04-011

Web access logs with DBI -- Make advances in your statistics and reporting with Apache's custom log features and with a little Perl magic

Schwartz, Randal L

Web Techniques, April 1, 2000, v5 n4 p64, 66-68, 4 Page(s)

ISSN: 1086-556X

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

PROGRAMMING WITH PERL column describes how to use Apache's custom log features to gather statistics for reporting purposes, noting that the log is written immediately to a DBI-based MySQL database. Indicates that in this way, one can use Structured Query Language statements to generate ad-hoc reports on a timely basis and place the general reports into a Perl data structure relatively easily. Explains how Apache can generate the statistics to be analyzed, specifying how the DBI database specifier, username and password are provided, and covering issues with closure variables, the timestamp, child user cpu, child system cpu, and storing the data. Attention is given to analyzing the results of the statistics, in the form of an HTML table. Notes that using a MySQL-specific operation as the SQL control permits some queries to succeed where they might otherwise fail, although all queries are thus temporarily saved on the server. Includes two program listings, one output listing, and a list of online resources. (jon)

Descriptors: Data Analysis; Database; Data Base Management; Structured Query Language; Programming Aids; Report Generator; Statistics

21/5/24 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00513363 98NC11-021

WebSphere Studio aids code developers

Abualsamid, Ahmad

Network Computing , November 1, 1998 , v9 n20 p46-48, 2 Page(s)

ISSN: 1046-4468

Company Name: IBM Corp.

URL: http://www.software.ibm.com

Product Name: WebSphere Studio

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): C

Geographic Location: United States

Presents a mixed review of WebSphere Studio (\$495) from IBM Corp. of White Plains NY (800, 914). Defines it as a program designed to enable Web developers to coordinate their files into file-type-independent logical-association-based groups. Reacts positively to its servlet and JDBC wizards and the ease with which groups working on projects can share development files. Notes its JDBC-aware wizard that enables users to perform SQL queries relational databases, but cautions that familiarity with Java SQL syntax is necessary to use it. Expresses concern for its inability to handle spaces in the CLASSPATH environment or to indicate why the software is not **starting**. Reacts negatively to its inability to add comments, **user** IDs, or **time stamps** to individual file changes, or to track multiple revisions of the same file. Includes one screen display. (CAT)

Descriptors: File Management; Java; Structured Query Language; Workgroup Computing; Web Tools

Identifiers: WebSphere Studio; IBM Corp.

21/5/25 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00498554 98PM06-013

Take note -- Cross Pen Computing Group CrossPad

Noble, Liesl La Grange

PC/Computing , June 1, 1998 , v11 n6 p72, 1 Page(s)

ISSN: 0899-1847

Company Name: Cross Pen Computing Group

Product Name: Cross Pen Computing Group CrossPad

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of CrossPad (\$399), a portable digital notepad from Cross Pen Computing Group (800). Says that it uses any standard-size pad of paper. Explains that its pen contains a transmitter that sends a signal through the paper to the tablet, which captures it. Adds that the **user** can **time** - and **date** - **stamp** his notes and mark keywords for searching. Also points out that the notes can be transferred to the user's PC via cable, and that it can be trained to decipher anyone's penmanship - "no matter how bad it is." However, cautions that replacement pens cost \$79. **Concludes** that it is "well worth the effort." Received a rating of four out of five stars. Includes one photo. (MKS)

Descriptors: Peripherals; Writing; Data Transmission; Portable; Mobile Computing

Identifiers: Cross Pen Computing Group CrossPad; Cross Pen Computing Group

21/5/26 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00489705 98IE03-229

CDnow -- Design experts critique the best-known business sites

Davis, Glenn; Black, Roger

Internet World , March 16, 1998 , v4 n10 p50, 1 Page(s)

ISSN: 1081-3071

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Critiques the CDnow Web site. Gives the site poor **marks** for download **times** , citing extremely large home and category pages, but says searches returned results quickly. Gives a high rating to ease of use, noting that even a first- **time** Web **user** would be able to navigate the site. Offers very good reviews for the commerce aspect, with one glaring exception - ordering a CD that has not yet been released automatically defaults to a delay on the whole order. Says content ranged from ``good'' on the sound clips to ``mighty thin'' on the reviews side. **Concludes** with both reviewers providing negative comments about the overall look and feel of the site. Includes one screen display. (JC)

Descriptors: Web Sites; CD-ROM

21/5/27 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00403413 95PI11-268

CentaMeter 2.0

Boyle, Padraic

PC Magazine , November 21, 1995 , v14 n20 p260-261, 2 Page(s)

ISSN: 0888-8507

Company Name: Tally Systems

Product Name: CentaMeter

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of CentaMeter 2.0 (\$12 per node for 100 nodes, \$9 per node for 1,000 nodes), an application metering program for LANs from Tally Systems Corp. (800). The program does not require any NLMs and is network-independent. After it is installed it creates a license file for each application. When an application executes, the program checks the user count against the license file. When an application is **idle** for a **specified** amount of time an inactivity **timer** can alert **users** that they are wasting resources and ask them to close the app. The program does not allow administrators to close the application against the user's wishes. The program offers a basic set of reports and provides the ability to queue waiting users when a license limit has been reached. (djd)

Descriptors: Software Metering; Local Area Networks; Software Review; Window Software; Network Management

Identifiers: CentaMeter; Tally Systems

21/5/28 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00276310 92IW05-021

Links to Wingz spreadsheet allows real-time data analysis

Low, Lufe

InfoWorld , May 4, 1992 , v14 n18 p17, 1 Page(s)

ISSN: 0199-6649

Company Name: Informix Software; Fusion Systems Group

Product Name: Market Vision Spreadsheet Link for Wingz; Real-time MIPS

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Reports on two links to real- **time** **market** data for the Wingz Real **Time** package: **Market** Vision Spreadsheet Link for Wingz (\$NA), software that lets **users** process real- **time** **market** data in the Wingz

spreadsheet, use that information with other Market Vision Link applications, and share the data with other users on the network; and Real-time MIPS (\$NA), a LAN-based distributed data architecture which sorts through real-time databases and selectively provides the user with only the needed information. Wings Real Time, Varket Vision Spreadsheet Link, and Real-time MIPS are available from Informix of Menlo Park, CA (415) or Fusion Systems Group of New York, NY (212). Packages start at \$1,500. (jb)

Descriptors: Spreadsheet; Software; Networks

Identifiers: Market Vision Spreadsheet Link for Wingz; Real-time MIPS; Informix Software; Fusion Systems Group

21/5/29 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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04820940 JICST ACCESSION NUMBER: 01A0221700 FILE SEGMENT: JICST-E

A Lockout Avoidance Algorithm for the k-Exclusion Problem.

OBOKATA K (1); OMORI M (1); IGARASHI Y (1)

(1) Gunma Univ., Kiryu, Jpn

Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report
(Institute of Electronics, Information and Communication Enginners),
2000, VOL.100,NO.449(COMP2000 50-56), PAGE.33-40, REF.21

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 681.32 681.3.01

LANGUAGE: English COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: We propose a k-lockout avoidance algorithm without using **time - stamps** on asynchronous multi-writer/reader shared memory model for the k-exclusion problem. This algorithm is a modification of the n-process algorithm by Peterson or a variation of the algorithm accelerated by Igarashi and Nishitani. The correctness and efficiency of the algorithm are shown. The running time for the trying region of any faultless process is bounded by $(n-k)c+O(n(n-k)2l)$ even if there exist at most k-1 process failures of the **stopping** type, where n is the number of processes, l is an upper bound on the time between successive two atomic steps for faultless processes, and c is is an upper bound on the **time** that any **user** spends in the critical region. When $k=O(1)$, we can improve the running time for the trying region to $(n-k)c+O(nl)$ by using the group tournament technique. (author abst.)

DESCRIPTORS: shared memory; mutual exclusion; algorithm; asynchronous processing; concurrent processing; lock(computer); computational complexity

BROADER DESCRIPTORS: storage system; method; operating system; system program; computer program; software; treatment; concurrent control; control

CLASSIFICATION CODE(S): JC020100; JB02000A

21/5/30 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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05973213 SUPPLIER NUMBER: 53110187

Net unlocks secrets of time -share resale market Savvy shoppers can point and click their way to good deals

Khan, Salina

USA Today, p 01B

Apr 28, 2000

ISSN: 0734-7456

NEWSPAPER CODE: USA

; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

ABSTRACT: I truly feel sorry for the people who pay the unbelievably high

prices the developers charge," says Daryl Demos of North Hollywood, Calif., who bought his \$5,000 time share on resale after heeding the advice of a radio talk-show host. The developer had asked \$18,000 for the beachfront time share in Cabo San Lucas, Mexico. * **Timeshare Users Group (TUG)**. Surfing the volunteer-run TUG Web site (www.tug2.net) is a good place to **start**, some buyers say. The site, which was **started** by a deceived time-share owner, provides a message board, time-share ads and links to other sites. Members (\$15 for one year) can peruse reviews and rankings of resorts by former visitors. Frank Billingsley, a TV weatherman in Houston, says the tips he got from TUG members saved him \$21,500. "I **started** looking at developer property and almost paid \$27,000 for a place in Colorado -- then found TUG and looked for resale and almost paid \$11,500 for a place in Orlando," Billingsley says. "More TUG advice steered me away from overbuilt Orlando, and I ended up with a Memorial Day week Marriott Swallowtail property (Hilton Head, S.C.) for \$5,500. In the **end**, I feel like I got a great deal on a 'good trader' with great management."

21/5/31 (Item 2 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
(c) 2002 ProQuest Info&Learning. All rts. reserv.

05931284 SUPPLIER NUMBER: 51233593
Measuring Time: Journeys of the Sun, the Moon and More
Liebenson, Bess
New York Times, p 21
Mar 19, 2000
ISSN: 0362-4331 NEWSPAPER CODE: NY
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: And at the Bruce Museum in Greenwich a double exhibition, 'The Art of **Time** ' and ' **Marking Time** ,' has been celebrating the topic. Art and decorative objects fill 'The Art of **Time** ' while ' **Marking Time** ' probes the science behind the visual. 'They **started** by using natural cycles of time for measurement,' Ms. [Marianne] Smith said, 'the earth's journey around the sun, which is one year, the moon around the earth, a month, and the earth spinning on its axis, a day. They also used earth's natural records of time like layers of rocks, tree rings, rings on seashells and fossils.' **Visitors** enter ' **Marking Time** ' by punching in at an old-fashioned time clock.

CODEN: NYTIAO

21/5/32 (Item 1 from file: 6)
DIALOG(R) File 6:NTIS
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1929535 NTIS Accession Number: DE96000190
Virtual instruments -- A Los Alamos experiment
Khalsa, N. S.
EG and G Energy Measurements, Inc., Los Alamos, NM. Los Alamos Operations.
Corp. Source Codes: 087632001; 9509775
Sponsor: Department of Energy, Washington, DC.
Report No.: EGG-11265-5031; CONF-9505286-1
1995 15p
Languages: English Document Type: Conference proceeding
Journal Announcement: GRAI9606; ERA9608
Digital signal processing conference and exposition, San Jose, CA (United States), 15-19 May 1995. Sponsored by Department of Energy, Washington, DC.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01

Country of Publication: United States
Contract No.: AC08-93NV11265

Changing priorities, shrinking budgets, reduced **personnel**, and collapsed **time** schedules in post-Cold War Los Alamos have forced project managers to face software **'time-to-market'** issues similar to their commercial counterparts. Programs that are funded over a period of several years are now the exception rather than the norm. Projects are much more diverse and have more clearly defined goals and **termination** points compared with the previous objective of incremental improvements through a series of developmental efforts. Software development and support for such projects has to be less costly than before, since the software is a **'throwaway'** when the project is over. The authors came up with a wish list for a software development system that would meet their needs. The list includes: (1) higher productivity, faster turnaround than the present approach of **starting** from scratch in C or FORTRAN; (2) flexibility--able to make moderate changes in program flow without significant setbacks in the development schedule; (3) high-level focus--spending more time on the algorithms and less time on GUI or driver issues; (4) greater code reusability, and good mechanisms for documenting code flow and code modifications; (5) multiplatform implementations--IBM-PC, Sun, Mac, not so much for code porting but for user training issues; (6) reasonable code execution speeds--able to keep up with data acquisition rates required for the project; (7) ability to link-in external code when necessary; (8) sufficient debugging tools; (9) satisfactory product support and response times to questions (hours, not days); and (10) vital life signs from the vendor's R and D department--upgrades, bug fixes, enhancements, response to customer feedback.

Descriptors: *Control Systems; *Data Acquisition Systems; *Measuring Instruments; Computer Architecture; Computer Codes; Computer Graphics; Performance Testing; Programming; Programming Languages

Identifiers: EDB/990200; EDB/440000; NTISDE

Section Headings: 62B (Computers, Control, and Information Theory--Computer Software)

21/5/33 (Item 2 from file: 6)

DIALOG(R) File 6:NTIS

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1868666 NTIS Accession Number: PB95-189486

Operating Principles of MultiKron II Performance Instrumentation for MIMD Computers

Mink, A.

National Inst. of Standards and Technology (CSL), Gaithersburg, MD.
Advanced Systems Div.

Corp. Source Codes: 099724004

Sponsor: Advanced Research Projects Agency, Arlington, VA.

Report No.: NISTIR-5571

Dec 94 32p

Languages: English

Journal Announcement: GRAI9511

See also PB92-181072. Sponsored by Advanced Research Projects Agency, Arlington, VA.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

The MultiKron II design is an enhanced version of our earlier MultiKron performance instrumentation chip. They are both 179 pin chips, and although pin compatibility is **close** they are not 100% compatible. The MultiKron II has a longer TRACE sample, 20 bytes vs 16, to allow a larger **user** data and **Timestamp** fields. The 16 counters for resource utilization measurements are now writable, to allow for 'virtual' use, and their programming interface has changed to allow more options. Although designed for a 64-bit processor bus interface, an internal holding register provides

for 32-bit mode operation.

Descriptors: *MIMD(Computers); *Very large scale integration;
Chips(Electronics); Multiprocessors; Computer performance evaluation;
Parallel processors

Identifiers: *MultiKron II; NTISCOMNBS

Section Headings: 62A (Computers, Control, and Information
Theory--Computer Hardware); 49H (Electrotechnology--Semiconductor Devices)

21/5/34 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1408249 NTIS Accession Number: AD-A200 085/9

Introduction to the Serpent User Interface Management System
(Final rept)

Bass, L. ; Hardy, E. ; Hoyt, K. ; Little, M. R. ; Seacord, R.
Carnegie-Mellon Univ., Pittsburgh, PA. Software Engineering Inst.
Corp. Source Codes: 005343014; 416208

Sponsor: Electronic Systems Div., Hanscom AFB, MA.

Report No.: CMU/SEI-88-TR-5; ESD-TR-88-006

Mar 88 25p

Languages: English

Journal Announcement: GRAI8905

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract No.: F19628-85-C-0003

Serpent (Software Engineering Rapid Prototyping Environment) is an
example of the class of systems known as User Interface Management System
(UIMS). It uses the X window system to interact with the end user, and is
useful both as a portion of a production system and as a separate
prototyping tool. Serpent supports the development and execution of the
user interface of a system. It provides an editor with which to specify the
user interface and a run-time system which communicates with the
application to get the data to display. The system then uses the
specification previously output from the editor to decide how to display
that data. This report provides a technical overview of Serpent, its
components, the module used in specifying the user interface, and the
editor used in constructing the user interface. (kr)

Descriptors: Man computer interface; *Prototypes; Computer programs; Data
displays; Management planning and control; Production; Systems engineering;

Time ; User needs ; Computer communications ; Specifications

Identifiers: *SERPENT(Software Engineering Rapid Prototyping Environment)
; UIMS(User Interface Management System); NTISDODXA; NTISDODAF

Section Headings: 95D (Biomedical Technology and Human Factors
Engineering--Human Factors Engineering); 62B (Computers, Control, and
Information Theory--Computer Software)

21/5/35 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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14900601 PASCAL No.: 01-0049056

**The departure process of discrete-time queueing systems with Markovian
type inputs**

FERNG Huei-Wen; CHANG Jin-Fu

Department of Electrical Engineering, National Taiwan University, Taipei,
10617, Taiwan

Journal: Queueing systems, 2000, 36 (1-3) 201-220

ISSN: 0257-0130 Availability: INIST-21918; 354000093637560100

No. of Refs.: 28 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Netherlands

Language: English

This paper proposes a unified matrix-analytic approach to characterize the output processes of general discrete-time lossless/lossy queueing systems in which time is synchronized/slotted into fixed length intervals called slots. The arrival process can be continuous-or discrete- **time Markovian** processes. It can be either renewal or non-renewal. The service of a customer **commences** at the **beginning** of a slot, consumes a random number of slots, and completes at the **end** of a later slot. The service times are independent and follow a common and general distribution. Systems with and without server vacations are both treated in this paper. These queueing systems have potential applications in asynchronous transfer mode (ATM) networks, packet radio networks, etc. Since the output process of a node in a queueing network becomes an input process to some node at the next stage, the results of this paper can be used to facilitate **end -to-end** performance analysis which has attracted more and more attention in the literature.

English Descriptors: Discrete system; Packet switching; Asynchronous transmission; Radio communication; Queueing network; Packet transmission; Performance analysis; Performance evaluation; Departure process; Arrival process; Markov process; Renewal; Probabilistic approach; Random number; **User** service; Continuous **time** ; Discrete time; Service time; Analytical method; Queueing system; Matrix method

French Descriptors: Systeme discret; Commutation paquet; Transmission asynchrone; Radiocommunication; Reseau file attente; Transmission paquet; Analyse performance; Evaluation performance; Processus depart; Processus arrivee; Processus Markov; Renouvellement; Approche probabiliste; Nombre aleatoire; Service utilisateur; Temps continu; Temps discret; Temps service; Methode analytique; Systeme attente; Methode matricielle

Classification Codes: 001D01A05

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21/5/36 (Item 2 from file: 144)
DIALOG(R) File 144:Pascal
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14353727 PASCAL No.: 00-0004942

Integration of Multiple DICOM webserver into an enterprise-wide web-based electronic Medical Record

PACS design and evaluation : engineering and clinical issues : San Diego CA, 23-25 February 1999

STEWART B K; LANGER S G; MARTIN K P

BLAINE G James, ed; HORII Steven C, ed

Diagnostic Imaging Sciences Center, Dept. of Radiology, Univ. of Washington, Seattle, WA 98195, United States; Medical Centers Information Systems, Univ. of Washington Academic Medical Centers, Seattle, WA, 98195, United States

American Association of Physicists in Medicine, Chicago IL, United States.; American Physiological Society, United States.; International Society for Optical Engineering, Bellingham WA, United States.; FDA. Center for Devices and Radiological Health, United States.; Society for Imaging Science and Technology, Springfield VA, United States.; National Electrical Manufacturers Association, Washington DC, United States.; Radiological Society of North America, United States.; Society for Computer Applications in Radiology, United States.

PACS design and evaluation. Conference (San Diego CA USA) 1999-02-23

Journal: SPIE proceedings series, 1999, 3662 52-59

ISBN: 0-8194-3134-6 ISSN: 1017-2653 Availability: INIST-21760;

354000080103250060

No. of Refs.: 11 ref.

Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)

Country of Publication: United States

Language: English

Purpose - To integrate multiple DICOM image webserver into the currently existing enterprise-wide web-browsable electronic medical record (MINDscape). Over the last six years the University of Washington has created a clinical data repository combining in a distributed relational database information from multiple departmental databases (MIND). A character cell-based view of this data called the Mini Medical Record (MMR) has been available for four years. MINDscape, unlike the text-based MMR, provides a platform independent, dynamic, web browser view of the MIND database that can be easily linked with medical knowledge resources on the network, like PubMed and the Federated Drug Reference. There are over 10,000 MINDscape user accounts at the University of Washington Academic Medical Centers. The weekday average number of hits to MINDscape is 35,302 and weekday average number of individual users is 1252. DICOM images from multiple webserver are now being viewed through the MINDscape electronic medical record (EMR). **Methods** - We have implemented three commercial webserver that act as DICOM Storage Service Class Providers to our computed radiography (CR), computed tomography (CT), digital fluoroscopy (DF), magnetic resonance (MR), nuclear medicine (NM) and ultrasound (US) scanning modalities. These DICOM images can be accessed through web URLs or by linking the image server databases using ODBC or SQL gateways. This allows the use of dynamic HTML links to the images on the DICOM webserver through CGI queries from MINDscape, so that radiology reports already resident in the MIND repository can be married with the appropriate images through the unique examination accession number generated by our Radiology Information System (RIS). **Results** - CR, CT, DF, MR, NM and US DICOM images from multiple DICOM webserver are displayed with associated exam reports for referring physician and clinicians anywhere within the widespread academic medical center on PCs, Macs, X-terminals and Unix computers. **New Work** - The integration of standalone DICOM image webserver and PACS archive webserver from multiple vendors into the MINDscape EMR represents new work by the authors to be presented at MI99. A main goal in this effort was to provide a single sign on solution for MINDscape and associated clinical department webserver so that our users only have to type their username and password once per MINDscape session. Given that we had multiple authentication schemes, a particular scheme (MCIS Cookies) has been devised to grant authentication to users without asking for a password. That is, MCIS Cookies authenticates a user into an associated clinical department webserver based on the fact that the user has been authenticated (given the cookie) by MINDscape through the MINDscape authentication process. MCIS cookies are strings containing information such as **username** and issue **timestamp** which are encrypted using a symmetric, private key. The encrypted string is then encoded using HTTPS for easy transport. Future authentication plans call for implementation of either Kerberos or SSH (secure shell). **Conclusions** Multiple DICOM webserver can be effectively integrated into an enterprise-wide web-based electronic patient record, allowing physician access to radiological images using low-cost, ubiquitous web browser technology and wavelet compression.

English Descriptors: Telecommunication network; Telemedicine; Database; Information management; Information system; Radiology; User interface; Diagnostic aid; Imaging; Implementation; Experimental result

French Descriptors: Réseau telecommunication; Telemedecine; Base donnee; Gestion information; Systeme information; Radiologie; Interface utilisateur; Aide diagnostic; Formation image; Implementation; Resultat experimental

Classification Codes: 001D04B03

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21/5/37 (Item 3 from file: 144)
DIALOG(R) File 144:Pascal
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13727163 PASCAL No.: 98-0418715

Effects of regular moving and handling on the behavioral and physiological responses of pigs to preslaughter treatment and consequences for subsequent meat quality

GEVERINK N A; KAPPERS A; VAN DE BURG WAL J A; LAMBOOIJ E; BLOKHUIS H J; WIEGANT V M

DLO-Institute for Animal Science and Health (ID-DLO), P.O. Box 65, 8200 AB Lelystad, Netherlands; Department of Human and Animal Physiology, Agricultural University Wageningen, Haarweg 10, 6709 PJ Wageningen, Netherlands

Journal: Journal of animal science, 1998, 76 (8) 2080-2085

ISSN: 0021-8812 Availability: INIST-3247; 354000070046750100

No. of Refs.: 36 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United States

Language: English

The effects of regular moving and handling during the finishing period on behavioral and physiological responses of pigs during preslaughter treatment and consequences for meat quality were studied. From the age of 10 wk onward, 144 pigs were housed in groups of four (two gilts and two castrates) and subjected to one of the following treatments. The Environment treatment allowed pigs to move freely for 8 min outside their home pen. Then the pigs were transported in a box for 2 min, and after which they were returned to their home pen. In the Handling treatment, an experimenter remained for 3 min in the pen, and whenever a pig made contact, it was gently stroked. The experimenter then walked for an additional 1 min, without attempting to pat or stroke any pigs but subsequently held each pig in a tight grip for about 5 s. This entire procedure was then repeated. A Control treatment was also included, in which the pigs were subjected to no treatment. The Environment and Handling treatments were applied twice a week at the age of 15, 17, 19, 21, and 23 wk. At 25 wk of age, pigs were transported to the abattoir. They were held unmixed in the truck and in lairage and were manually stunned. The stockmen needed significantly less time to move Environment pigs out of their pen and into the transport box. There were no differences between treatments in salivary cortisol concentrations before or after transport. Environment and Handling pigs had paler meat than Control pigs. Glycogen content at 1 h after death and water-holding capacity were lower in Environment pigs than in Control pigs, but this did not lead to a higher incidence of PSE meat. We **conclude** that the pigs that had experience with leaving their home pen and some of the transport conditions were much easier to handle at loading. Pigs that are easier to move are less likely to be subjected to rough handling, which implies improved welfare, and the workload for **personnel** at the **time of marketing** is reduced. Differences in meat quality due to treatment were slight.

English Descriptors: Pork; Quality; Pig; Slaughter; Pretreatment

Broad Descriptors: Artiodactyla; Ungulata; Mammalia; Vertebrata; Meat product; Artiodactyla; Ungulata; Mammalia; Vertebrata; Produit carne; Artiodactyla; Ungulata; Mammalia; Vertebrata; Product de carne

French Descriptors: Viande porc; Qualite; Porc; Abattage; Pretraitement

Classification Codes: 002A35B05

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21/5/38 (Item 4 from file: 144)

DIALOG(R) File 144:Pascal

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13709834 PASCAL No.: 98-0400799

Progressive disability in senile dementia is accelerated in the presence of depression

RITCHIE K; TOUCHON J; LEDESERT B

Institut National de la Sante et de la Recherche Medicale, Montpellier,
France

Journal: International journal of geriatric psychiatry, 1998, 13 (7)
459-461

ISSN: 0885-6230 Availability: INIST-21188; 354000077177710050

No. of Refs.: 8 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United Kingdom

Language: English

Objectives. To assess the extent to which loss of ability to perform everyday activities in early stage senile dementia is worsened by the presence of depressive illness. **Methods.** The evolution of disabilities is measured by an activity scale permitting observation of small changes in everyday performance in a cohort of 397 elderly persons with subclinical cognitive deficit. Over the 3 years of the study, 11% of the cohort developed dementia without depression and 5% dementia with depression. **Results.** Progressive disablement was found to be greater in persons with senile dementia as compared to normal subjects. Depression alone had no significant effect over the **time period**. **Persons** with both senile dementia and depression had significantly higher rates of disability at 3 years than persons with senile dementia alone. Significantly greater decrements across the observation period were observed in dressing, washing, use of telephone and continence in the senile dementia-depression group only. **Conclusion**. Depression does not in itself engender **significant** disability but **interacts** with senile dementia to accelerate loss of functioning. Effective treatment of depressive illness in senile dementia may have significant impact on the prevalence and severity of disability.

English Descriptors: Senile dementia; Evolution; Concomitant disease;
Depression; Cognitive disorder; Activity; Daily living; Functional
capacity; Elderly

Broad Descriptors: Human; Nervous system diseases; Central nervous system
disease; Cerebral disorder; Degenerative disease; Mood disorder; Homme;
Système nerveux pathologie; Système nerveux central pathologie; Encephale
pathologie; Maladie degenerative; Trouble humeur; Hombre; Sistema
nervioso patologia; Sistema nervioso central patologia; Encefalo
patologia; Enfermedad degenerativa; Trastorno humor

French Descriptors: Demence senile; Evolution; Association morbide; Etat
depressif; Trouble cognition; Activite; Vie quotidienne; Capacite
fonctionnelle; Vieillard

Classification Codes: 002B18E; 002B17G

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21/5/39 (Item 1 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management

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00873653 E95046081031

Innovative design-for-test techniques in a dynamic development environment
(Innovative Design-for-Test-Techniken in einer dynamischen
Entwicklungsumgebung)

Bou-Ghazale, S

IBM Boca Raton, USA

1994 IEEE Southeastcon 94, Creative Technol. Transfer - a Global Affair,
Proc., Miami, USA, Apr 10-13, 1994/1994

Document type: Conference paper Language: English

Record type: Abstract

ISBN: 0-7803-1798-X

ABSTRACT:

The economics of design-for-test methodologies play an important role in
system, subsystem, and application-specific integrated circuit (ASIC)

development. While design-for-test tends to reduce manufacturing costs and enhance product quality, it increases the development cycle, thereby affecting development costs. From a purely economic standpoint, design-for-test has been widely justified as an essential step to achieving mass production at an affordable cost. Complication **arise**, however, when the short **time -to- market** requirement is placed on product developers. This creates the need for innovative methodologies that treat design-for-test steps not differently from the design steps themselves. Combined with automation, these methodologies achieve a high degree of design-for-testability in a short design-to- **market** cycle **time**. The **personal** computer industry has experienced unprecedented market pressures in the last few years. These pressure helped reshape the processes by which products are architected, implemented, and manufactured to contain cost, maintain quality, and provide fast **time -to- market**. This paper presents the design-for-test techniques that are essential in such an environment.

DESCRIPTORS: PRODUCT--ARTICLES; PRODUCT QUALITY; PRODUCT DEVELOPMENT;
APPLICATION SPECIFIC INTEGRATED CIRCUITS; INTERNATIONAL BUSINESS MACHINES
CORPORATION; MICROCOMPUTERS; ELECTRONICS INDUSTRY; DP INDUSTRY
IDENTIFIERS: DESIGN FOR TEST TECHNIK; Design-for-Test-Technik;
Erzeugnisplanung

21/5/40 (Item 2 from file: 95)
DIALOG(R) File 95:TEME-Technology & Management
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00697612 M93083536560

Kommissionierung in der Kaelte - Schluessel zum wirtschaftlichen Erfolg
Heptner, K

Integral Berater und Planer GmbH, Duesseldorf, D

Kuehlhaeuser im Warenfluss, Tagung der VDI-Ges.

Foerdertechnik-Materialfluss-Logistik, Dortmund, D, 27.-28.4.1993

VDI-Berichte, v1049, nJan, pp119-133, 1993

Document type: Conference paper Language: German

Record type: Abstract

ISBN: 3-18-091049-6

ISSN: 0083-5560

ABSTRACT:

In der Tiefkuehlkette von der Produktion bis zum Endabnehmer ist die Kommissionierung der personalintensivste Bereich. Alle Konzepte und Systeme fuer Organisation und Technik zielen daher auf die Senkung der Personalkosten, die Erhoehung der Kommissionierleistungen sowie auf die Verkuerzung der Durchlaufzeiten. Da bei vielen Tiefkuehl-Distributionszentren die Art der Auftraege fuer den naechsten Tag erst am Vorabend nach Auftragsannahmeschluss definitiv vorliegen, kann die Kommissionierung praktisch auch erst zu diesem Zeitpunkt **starten**. Das bedeutet, dass neben den unguenstigen Arbeitsbedingungen in der Kaelte noch die zusaetzliche Belastung der Nachtarbeit vorhanden ist. Daher gehen auch alle Bestrebungen dahin, die Kommissionierung bis vor Mitternacht abschliessen zu koennen, um eine komplette 3. Betriebsschicht zu vermeiden. Der Beitrag verdeutlicht den Einfluss von Informations- und Distributionsstrukturen und diskutiert Loesungsansaetze fuer die Kommissionierung: Mann-zur-Ware-Prinzip (Stollenlager, Pick-to-belt und Sortieranlage, Pick-car und Sortieranlage), Ware-zum-Mann-Prinzip (Behaelterkommissionieranlage, Palettenkommissionieranlage) und Automatik-Prinzip (Portalroboter-Kommissionieranlage). Bei den Anlagen nach dem Prinzip Mann-zur-Ware haben auch im Tiefkuehlbereich in letzter Zeit die Systeme Einzug gefunden, die die Kommissionierarbeit beschleunigen und sicherer machen. Dazu gehoeren besonders das beleglose Kommissionieren und die Staplersteuerungen.

DESCRIPTORS: MAGAZINE--STOCK; ORDER PICKING; STORING; **MARKETING** LOGISTICS
; TURNAROUND **TIME** ; **PERSONNEL** COSTS; WORKING CONDITION; INFORMATION FLOW
; AUTOMATISATION; ORDER PROCESSING
IDENTIFIERS: BELEGLOSES KOMMISSIONIEREN; TIEFKUEHLKETTE; Kommissionierung;

21/5/41 (Item 1 from file: 239)
DIALOG(R) File 239:Mathsci
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01654769 MR 82a#90003

Decision making processes and related fields.

Proceedings of a Symposium held at the Research Institute for Mathematical Sciences, Kyoto University, Kyoto, March 15--17, 1979. Surikaiseikikenkyusho Kokyuroku No. 358 (1979).

Publ: Kyoto University, Research Institute for Mathematical Sciences, Kyoto,

1979, pp. i--ii and 1--238.

Language: Japanese

Document Type: Book; Proceedings

Journal Announcement: 1312

Decision making processes and related fields; Symposium: Decision Making Processes and Related Fields

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (27 lines)

Contents: Yoshinobu Monda, On sensitive discount optimality criteria for countable state Markov decision processes (Japanese) (pp. 1 - 13); Shobun Watanabe, On the Robbins-Monro type probabilistic approximation for the given dependent probabilistic variable sequence (Japanese) (pp. 14 - 30); Yoshio Ohotsuko, Optimal return and optimality equation in controlled Markov jump processes (pp. 31 - 56); Itaru Mitoma, On a certain minimization problem for probabilistic measures (Japanese) (pp. 57 - 66); Hiroshi Hisano, On the measurability of the extremum for functions with values in a partially ordered set (pp. 67 - 83); Shojiro Tagawa, The optimality problems for set-valued functions and their application to control theory (Japanese) (pp. 84 - 98); Masami Kurano, On adaptive policies in Markovian decision processes with uncertain transition matrices (pp. 99 - 115); K. Sawaki, On partially observable dynamic programming (Japanese) (pp. 116 - 124); Akira Furu, Partially observable Markov decision problems with vector-valued criteria (pp. 125 - 133); Masami Yasuda, Junichi Nakagami and Masami Kurano, Multi-variate **stopping** problem with a monotone logical rule (pp. 134 - 159); Kensuke Tanaka, On n-person discontinuous **time** noncooperative **Markov** games (Japanese) (pp. 160 - 172); Nagata Furukawa, Preference order Markov decision processes (pp. 173 - 192); Seichi Iwamoto, On recursive decision procedures and dynamic programming (Japanese) (pp. 193 - 218); M. Kodama and K. Yasutatsu, On optimal preventive maintenance policies for single systems (Japanese) (pp. 219 - 236). (The papers are not being reviewed individually.)

Reviewer: Editors

Review Type: Table of contents

Descriptors: *90-06 -Economics, operations research, programming, games- Proceedings, conferences, collections, etc. ; 62L15 -Statistics (For numerical methods, see 65U05)-Sequential methods-Optimal **stopping** (See also 60G40, 90D60)

Set	Items	Description
S1	224817	(USER? OR CLIENT? OR PATRON? OR VISITOR? OR SUBSCRIBER? OR NETIZEN? OR CLIENTELE OR CLIENTELLE OR PERSON? OR MEMBER) (2N) - (SESSION? OR INTERVAL OR TIME? OR PERIOD)
S2	351962	(TIME? OR DATE OR DAY) (2N) (STAMP? OR MARK?) OR DATEMARK? OR TIMESTAMP? OR DATESTAMP?
S3	203166	IDLE OR IDLES OR IDLING OR INACTIVE OR INERT OR INOPERATIVE OR UNUSED
S4	16645879	INTERACT? OR CONNECT? OR COMMUNICAT? OR INTERFACE? OR CONTACT? OR REACH? OR MEET? OR JOIN? OR BOUND?
S5	10967527	DETERMIN? OR CHOOS? OR DECID? OR RESOLV? OR ASCERTAIN? OR - SPECIF? OR DESIGNAT? OR STIPULAT? OR SIGNIF? OR INDICAT? OR DETECT? OR RECOGNI?
S6	9265340	END OR ENDING OR CEASE? OR CEASING OR CESSAT? OR CLOSE OR - CLOSING OR CLOSURE OR CONCLU? OR FINISH? OR STOP? OR TERMINAT?
S7	7190431	START? OR ARISE? OR BEGIN? OR COMMENC? OR ORIGINAT?
S8	2827	S1 (S) S2
S9	355	S8 (S) S6
S10	226	S8 (S) S7
S11	24917	S1 (S) S6
S12	470214	S5 (3N) (S3 OR S4)
S13	6	S9 (S) S12
S14	8	S10 (S) S12
S15	284	S11 (S) S12
S16	84	S15 (S) S7
S17	3	S16 (S) S2
S18	91	S13 OR S14 OR S16 OR S17
S19	67	S18 NOT PY>2000
S20	51	S19 NOT PD>20000630
S21	45	RD (unique items)

File 15:ABI/Inform(R) 1971-2002/Dec 19
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(c) 2002 McGraw-Hill Co. Inc

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(c) 2002 The Gale Group

File 484:Periodical Abs Plustext 1986-2002/Dec W3
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File 613:PR Newswire 1999-2002/Dec 19
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File 16:Gale Group PROMT(R) 1990-2002/Dec 19
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File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 141:Readers Guide 1983-2002/Nov
(c) 2002 The HW Wilson Co

File 370:Science 1996-1999/Jul W3

(c) 1999 AAAS

File 553:Wilson Bus. Abs. FullText 1982-2002/Oct

(c) 2002 The HW Wilson Co

21/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02374751 116355093

Cultural competency matters

Davidhizar, Ruth; Giger, Joyce Newman

Leadership in Health Services v13n4 PP: Viii 2000

ISSN: 1366-0756 JRNL CODE: LIHS

WORD COUNT: 3023

...TEXT: of the relationship between family and work as more women enter the workforce (Gottlieb et al., 1996).

Time

Like **personal** space, **time** is an important but seldom **recognized** aspect of interpersonal **communication**. Most people in Canada equate time with money and segment it into clock and calendar time. People...

... for waiting or late (Hall, 1959). To some Sioux Indians, time means a natural succession of days **beginning** with the new moon and **ending** with the old. For persons who are oriented to social time, the practice of dividing time into...

21/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01855660 05-06652

QUICKSTUDY helps you speak foreign languages in no time

Anonymous

Link-Up v16n4 PP: 29 Jul/Aug 1999

ISSN: 0739-988X JRNL CODE: LUP

WORD COUNT: 236

...TEXT: features a carefully designed four-step process that naturally builds to conversational fluency in a very short **time**.

Providing **users** with constant feedback on their progress in comprehension and pronunciation, QUICKSTUDY uses an onscreen tutor, interactive conversations with onscreen characters, and conversation branching to strengthen the overall experience. The user-friendly **interface**, advanced speech **recognition**, talking dictionary, and grammar guidebook make learning personal and engaging from **beginning** to **end**.

"QUICKSTUDY can help high school students, adults, and travelers build vocabulary, improve comprehension, and ultimately engage in...

21/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01164338 98-13733

Using CompuServe for practical economic development

Davis, Mark S

Economic Development Review v14n1 PP: 51-52 Winter 1996

ISSN: 0742-3713 JRNL CODE: EDR

WORD COUNT: 1915

...TEXT: INSTALLING AND SETTING UP WINCIM

Install WinCIM by choosing Run from the File menu in Windows. First **time** **users** then need to Set Up WinCIM. After installing WinCIM, its icon will appear in Program Manager. Use your mouse and double-click on the icon to

start it. Before dialing into CompuServe, however, one needs to set a couple of configuration options. First choose...

... kit), and name in the spaces provided, and specify the port your modem is using from the **Connector** list. **Choose** the Baud Rate, enter your local access number, choose dial tone, enter the number of Redials, click on the modem button to specify the modem that is being used and click on OK when **finished**. You are now ready to log onto CompuSere using the WinCIM. (Or at least ready to call your computer consultant to **begin** learning about IRQ conflicts and so forth.)

USING COMPUSERVE

Let's start by dialing up the local...

21/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00866260 95-15652

Effects of distribution of feedback in work groups

Barr, Steve H; Conlon, Edward J
Academy of Management Journal v37n3 PP: 641-655 Jun 1994
ISSN: 0001-4273 JRNL CODE: AMA
WORD COUNT: 5451

...TEXT: in the fourth and fifth periods to indicate that performance had reached a baseline level. At the **end** of the fifth period, the performances of each individual and the group were described as average, falling approximately in the 50th percentile. **Beginning** with the introduction of rotation in period 6, feedback was contingent on experimental condition. Subjects receiving positive...

21/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00052675 77-05022

DEVELOPING A ONE YEAR BASIC LOAN TRAINING PROGRAM

CLARK, GEORGE L.; PACE, EDMOND E.; ET AL.
JOURNAL OF COMMERCIAL BANK LENDING V59 N7 PP: 2-9 MARCH 1977
ISSN: 0021-986X JRNL CODE: CBL

...ABSTRACT: ALBUQUERQUE, THE LOAN TRAINING PROGRAM CONSISTS OF FORTY HOURS OF CLASSROOM WORK SPLIT 50-50 BETWEEN COMPANY **TIME** AND **PERSONAL TIME**. THE CLASSROOM WORK IS MODIFIED AS NECESSARY TO **MEET SPECIFIC** NEEDS OF LOAN SECRETARIES, DEALER DIVISION PERSONNEL, CONSUMER LOAN SPECIALISTS, AND COMMERCIAL LOAN OFFICERS. A REVIEW OF BASIC CREDIT FACTORS IS STRESSED FIRST. THEN TWELVE MAJOR ELEMENTS OF THE LOAN RELATIONSHIP, **BEGINNING** WITH THE INITIAL LOAN INTERVIEW AND **ENDING** WITH HOW TO COLLECT THE LOAN IF IT GOES SOUR, ARE FEATURED. THE LAST THIRD OF THE...

21/3,K/6 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01984626 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Juno Links Non-Net E-Mail Users To Advertiser Web Sites

(Juno, which calls itself the Internet's largest e-mail service provider, added a Web "clickthrough" feature to its free e-mail service)

Newsbytes News Network, p N/A
November 04, 1997

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 640

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...screen while a member reads and writes e-mail, and "pop-up" ads that appear at the **start** of a **member's session**. Web clickthrough can be enabled for both types of ads, at each advertiser's discretion. "E-mail...

...mail, the fastest growing sector of online usage, is "a perfect world" for advertisers. "When we first **started** Juno in April of 1996, with relatively few advertisers, our e-mail users were complaining, 'where are ...

...by an advertiser in this fashion will see that advertiser's ad," Cherins said, "while advertisers can **specify** the **reach** they want within their target audience, and the frequency with which their ads are to be shown...

...American Express, Bausch & Lomb, BMW, Bristol-Myers Squibb, Celebrity Cruises, Chase Manhattan Bank, Chrysler, Ford, Intuit, Lands' **End**, Microsoft, Miramax Films, Publishers' Clearing House, Quaker Oats, and Sony Theatres. A free copy of the Juno...

21/3,K/7 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01417967 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Blood Banking (Diagnostics) Company Reports on HIV-1 p24 Antigen Assay
(Coulter received an "approvable letter" from the FDA for a new blood screening product, the Coulter HIV-1 p24 Antigen Assay)

AIDS Weekly Plus, p N/A

February 26, 1996

DOCUMENT TYPE: Newsletter ISSN: 0884-903X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 310

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...after FDA approval. Studies show that there is a window period of about 25 days between the **time** a **person** becomes infected with HIV-1 and the time antibodies to the virus **reach detectable** levels using currently available tests. In a study published in Transfusion, Busch, et al ("Time Course of...

...and Tissues Donors;" Transfusion 35(2):91-7, 1995). estimated that testing for the p24 antigen could **close** the window period by about six days. Use of the HIV-1 p24 Antigen test marks a...

...the Center for Biologics Evaluation and Research recommended to all registered blood and plasma establishments that they **begin** HIV-1 antigen testing of all prospective donor units of blood, as well as all blood in...

21/3,K/8 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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00605907 CMP ACCESSION NUMBER: NWC19911001S1306

AT&T StarGROUP Version 3.4: Still an Understudy (Reviewed Revealed Revised)

Bruce Robertson

NETWORK COMPUTING, 1991, n 210 , 20

PUBLICATION DATE: 911001

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Logging On

TEXT:

... is non existent. The README file on the required 3.41 client update disk does not come **close** to providing adequate information about configuring StarGROUP with Windows. AT&T support referred us to Microsoft to...

...what it might require for Windows 3.0 support. (If these two companies are supposed to be **close** partners for LAN Manager, no one has told their tech support departments.) Unix File Sharing Unix workstations...these functions, so same vendor support is not a requirement; but it can be a useful "one- **stop** -shop" solution for the corporate buyer looking for the security of single-vendor purchasing and support. One...

...WAN interfaces, but not between LANs in a single StarGROUP server. Therefore, the StarGROUP server is an **end** point for most client protocols. A single NIC in the server can support any and all protocols...

...OSI protocol stack (which should affect only the users of LAN Manager on that one protocol) actually **stopped** the DOS and OS/2 server for everyone, and the Mac server as well. More flexibility and...releases. AT&T is expected to release its 2.0 support in StarGROUP 3.5 by the **end** of 1991, but in the same time frame Microsoft is expected to upgrade OS/ 2 LAN Manager...

...however, StarGROUP does not interoperate as well as it should with Microsoft's LAN Manager 2.0. **Conclusion** AT&T needs to recognize that the StarGROUP software is a much greater part of the network...stick against which the other NOSes have to measure. There is no denying the others are getting **close**, but in performance and feature suite, Novell's NetWare stands above the rest...

...engines within the II, IID, III and IIID remain unchanged. While HP designed the IIISi from the **beginning** to be a LAN-attached printer, the other printers were not designed with 17 ppm throughput inby printing a 677,774-byte PCL image and timing the results with a **stopwatch** (see Figure 3). We then spooled the same job to the same printer, now equipped with the...

...s monitor and provides file transfer and printing functionality. When accessing a mainframe through the gateway, each **user** establishes a **session** - a Macintosh or an IBM PC compatible to a proprietary RISC box. **Specific** host **connection** hardware for the gateway...

...administrator-configured time-out for inactive LUs on the gateway, which can free up connected but unused **sessions** for other **users** automatically. Avatar supports only password-level security for access to LUs, though a newly announced 4.0...

...supports using a Mac SE as a gateway server platform, which may be well suited to low- **end** requirements. Apple's SNA*ps Apple's SNA*ps 3270 gateway hardware is a Macintosh II. The...a single company called Avatar, but their respective product lines for the moment remain unaffected. REVIEWED One- **Stop** Shopping For NovellNetwork Support The first edition of Novell's Network Support Encyclopedia Professional Volume (NSEPV) CD... ran well under Online Products Corp.'s Opti-Net software for networking CD-ROMs. The Folio front **end** performed flawlessly, making it easy to find information either by using the product's hypertext capability or...

21/3,K/9 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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00605898 CMP ACCESSION NUMBER: NWC19911001S1297
Will RISC Score Big with Unix Applications? (Feature 2)

Lee Schlesinger
NETWORK COMPUTING, 1991, n 210 , 75
PUBLICATION DATE: 911001
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features

TEXT:

When industry sources, like carnival barkers, **begin** touting any new technology, it's **time** for **users** to step back and examine the claims. A case in point is RISC (reduced instruction-set computing...

...code uses standard input and output functions and how much it relies on direct writes to vendor- **specific** hardware **interfaces** . The former code is much easier to move between platforms than the latter. However, when it comes...processes of clear benefit are in essence built into the operating system itself and can't be **stopped** simply. For example, this is true of network adapter support in most Unix operating systems. With these...
...on the machine, whether it is actually connected to a network or not, and these cannot be **stopped** without reconfiguring the operating system. All of this said, we decided not to attempt a comparison of...

21/3,K/10 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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00505330 CMP ACCESSION NUMBER: EBN19920420S1497
One-Piece Connector Reduces Assembly Time (Briefs)
ELECTRONIC BUYERS' NEWS, 1992, n 800, 24
PUBLICATION DATE: 920420
JOURNAL CODE: EBN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Products
WORD COUNT: 533

... The Model 263SG is not load dependent.
Pricing begins at \$102.50, with quantity discounts for OEM **users** .
Time Mark Corp., 11440 East Pine St., Tulsa, Okla. 74116; (918)
438 -1220. Transformers **Meet** Global **Specifications**
The International Flathead Series, a group of rugged, low-profile transformers for printed-circuit-board applications, meets...

21/3,K/11 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02228216 SUPPLIER NUMBER: 21209625 (USE FORMAT 7 OR 9 FOR FULL TEXT)
WinGate Pro. (Deerfield.com WinGate Pro 2.1 internet access software)
(Software Review) (Evaluation)
Freed, Les
PC Magazine, v17, n19, p269(1)
Nov, 1998
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 429 LINE COUNT: 00037

... to those of MidPoint Gateway and WinProxy.
WinGate Pro lets you configure the server to use a **specific** **interface** (or combination of interfaces) for each protocol. This lets you reserve one link exclusively for POP3, for...

...down with Web traffic. There's also a flexible scheduler (similar to WinProxy's) that lets you **start** and **stop** specific services, dial or disconnect modem links, and perform cache and user database-maintenance functions. You can...

...the scheduler to dial (and stay connected to) your ISP, providing a full-time link during specified **times** and speeding **users** ' Internet access.

Deerfield.com's Lite version of WinGate provides the same functionality as WinGate Pro minus...

21/3,K/12 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01308221 SUPPLIER NUMBER: 07745350 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IBM announcements: IBM takes first steps towards bringing joys of system-managed storage to VM users ... and explains how Interactive Storage Management Facility is intended to work.

McGinn, Janice
Computergram International, n1281, CGI10100009
Oct 10, 1989

ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 930 LINE COUNT: 00076

... type to another and has options designed to help control the impact of disk conversion on VM **users** , IBM says. **Time** spent on day-to-day data movement is reduced and the automated process does not require user...

...error information to log for problem determination; Minidisk, which creates, tailors, and saves lists of minidisks that **meet specific** criteria, and performs operations against selected CMS minidisks included in a list, invoking user extensions, and requesting...

...combination of the minidisk device type, volume serial number; and minidisk virtual address, owner ID, size, and **starting** address on a volume. The user may also specify comparative combinations against the corresponding characteristic for a...

...each minidisk that matches the user's selection criteria. Additional information for each entry includes the minidisk **ending** address on a volume and, if all the minidisks on a particular volume are listed, the gap ...

21/3,K/13 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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078959

Fast relief for slow Web sites
Tool kit for improving Web site performance includes packet shapers, caching appliances and load balancers.

Byline: CHARLES BRUNO, GREG KILMARTIN AND KEVIN TOLLY
Journal: Network World Page Number: 59
Publication Date: November 01, 1999
Word Count: 3546 Line Count: 328

Text:

... heavy-duty switches to ensure the availability of services offered across the Internet. Yet all this back- **end** computing power is often at the mercy of a connection that poses as the front door to...fresh copy across the slow multihop Internet. It's more efficient to store copies of Web data **close** to the requesting users to improve response time and limit bandwidth waste. Internal user requests for Web...

... scenario, you trade freshness of the data for better response time. Alternatively, caching devices may be positioned **close** to your Web servers as a front- **end** processor, off-loading requests for frequently requested pages from the servers. This deployment option is sometimes

referred...

... Cobalt Networks (see chart, below). Our testing turned up only subtle differences in caching products. One difference **arises** in how each product processes a Web page request. CacheFlow's CacheOS hides the IP address of...

...and the Web server. That occurs because each Web page consists of scores of objects, and each **time** a **user** requests a Web page, a TCP session is established for each object on the page, followed by...The technique requires that developers tag Web elements with a freshness date. Without a global approach to **time - stamping** Web objects, caching vendors rely upon proprietary algorithms that examine cached content for freshness. CacheFlow uses a...

... steps to ensure Web server availability. That's where load balancing enters the picture. At the back **end** of the e-commerce connection stands the Web server. A popular Web site can overwhelm a single...

... HTTP, FTP or other incoming traffic destined for Web servers. Load balancers intercept Web traffic before it **reaches** Web servers and **determine** which back- **end** server is best suited to provide optimal performance and the fastest response **time** to requesting **users**. The players: We examined load balancers from Alteon WebSystems, Arrow Point Communications, Coyote Point Systems, F5 Networks...

... that are separated by subtle nuances in how they process page requests, load balancers vary greatly. For **starters**, they come in all shapes and sizes. Some vendors - including Alteon, ArrowPoint and Foundry - implement load balancers...

... power of an ASIC-based load-balancing switch. Load balancers track a variety of health statistics on **connected** Web servers to **determine** which device carries the smallest load and offers the optimal response time to handle the transaction at...

... into transactional data to guarantee that session-oriented e-commerce transactions hit the right type of high- **end** server. For example, if the CS-100 detects that a request is for an active server page...in a server outage. While a load balancer may detect that a server is dead, can it **detect** a **connection** in which the TCP/IP stack is up, but the Web server software has crashed? Our evaluation...

... come traffic shapers, caching engines and load balancers can provide much-needed relief to improve Web site response **times** for **end users**. But we contend that you may be able to further improve performance by using more than one...

... Caching engines placed in front of load balancers, for instance, can further reduce the demands on back- **end** servers by caching commonly requested pages or Web page elements. Also, the use of packet shapers can ...

... some load-balancing capabilities into its LocalDirector product. Even load-balancing vendors such as Arrow Point are **beginning** to offer policy shaping and traffic control capabilities on top of their other features. We contend that...

21/3,K/14 (Item 2 from file: 674)
DIALOG(R) File 674:Computer News Fulltext
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077551

The QoS Quagmire

Convergence will live or die depending on how easy it is to implement IP-based QoS through policy-based networking. Unfortunately,

policy-based networking is still a work in progress.

Byline: TOM STENSON

Journal: Network World Page Number: 53

Publication Date: September 06, 1999

Word Count: 2076 Line Count: 192

Text:

... be ready for prime time for another year or two. But it 's not too early to **start** learning the basics of policy-based networking. Policy: The basicsA policy defines how network resources are to...

... flow-based protocol that lets an application signal the QoS (latency, jitter, bandwidth) it needs by sending **end-to-end** control messages across the network. Routers along the path will reserve resources for the application flow or... a common framework.QPM 's graphical user interface simplifies many aspects of QoS configuration. In a typical **session** , a **user** might add a new router, select a queuing algorithm for each interface, create a policy for the...

... it for PDP-PEP communications. Other devices, including Cisco routers, are also supported.In a typical OPS **session** , a **user** might add a router and individual interfaces, create a Traffic Pattern using filters, create an Action such...

... lot of detail to the user. One capability missing in the first release is the ability to **specify** and control the **interface** queuing mechanism. This must be done separate from the policy system via Nortel 's standard router configuration...

21/3,K/15 (Item 3 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

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075036

VPNS ARE EASY - ONCE YOU GET THE CLIENTS INSTALLED

DISTRIBUTING, INSTALLING AND MAINTAINING VPN CLIENTS CAN BE A CHALLENGE.

Byline: TIM GREENE

Journal: Network World Page Number: 28

Publication Date: May 31, 1999

Word Count: 985 Line Count: 90

Text:

VIRTUAL PRIVATE NETWORKSThe big draw of using virtual private networks (VPN) for remote access - tying more **end** users into your corporate network - is also one of the big drags. After all, the more **end** users you tie in, the more remote client software you'll need to manage.Network executives have...

... working to fix it. Many vendors make client software available as Web downloads, include wizards to steer **end** users through the installation process and update the software as users log on to the corporate network.Companies have **started** to turn to VPNs as a way to use the Internet as a WAN connection for remote...

... Either of these processes can turn into a logistical nightmare. Network managers could send the disks to **end** users, but this would require **end** users to install the software themselves. Installation could be beyond their capabilities, Zines says. The same would...

... automatically distributes clients and client policies. From a central server, network administrators set the parameters defining each **end** user's remote access rights.Users fetch the client from a corporate intranet Web server, which is...

...Richard Kagan, a VPNet vice president. Enterprises prefer to establish a standard PC platform for all their **end** users and install the VPN client software before issuing the machines. For example, Verisign is setting up

...
... preconfiguring PCs with SoftPK clients made by Information Resource Engineering (IRE). The machines are then shipped to **end** users, according to Marshall Behling, Verisign's strategic business developer. This is a safe way to go...

...its customers, the service provider wanted to update customers' PCs in a way that is simple for **end** users. GTE developed VPN Advantage Prep Tool, software that inventories remote PCs to determine what software they...

...which they can get the appropriate downloads. For example, the client GTE uses for its service is **TimeStep**'s Permit/ **Client**. This client requires a Windows 95 upgraded to include WinSock 2 software, which lets Windows programs interface...

... users to the Microsoft Web page from which they can download the necessary software. Once the PC **meets** the **specifications**, VPN Advantage downloads Permit/Client. GTE launched the installation tool with its service three weeks ago. Cracking the code Beyond simply downloading software to the client, **end** users also have to register their encryption schemes so their coded messages can be deciphered by corporate...

... using certificate enrollment protocol (CEP). Other vendors, including Network Associates, will have similar CEP tools by the **end** of the summer, Verisign's Behling says. Microsoft plans to integrate an IPSec client with Windows 2000...

21/3,K/16 (Item 4 from file: 674)
DIALOG(R) File 674:Computer News Fulltext
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073955

It's a bumpy road to the giga desktop highway

Byline: Reality Check . Thomas Nolle

Journal: Network World Page Number: 49

Publication Date: April 19, 1999

Word Count: 744 Line Count: 66

Text:

... Chip vendors are lining up to provide products, and we'll probably see some switches before year- **end**. Does this mean that everyone will run out and buy giga desktops? Does it mean that fiber to the desktop is dead? These are good questions to **start** considering. No. 1 on most users' issue lists will be whether their existing Category 5 cabling will...

... The industry estimates that about 10% of existing Category 5 cable was installed improperly and may not **meet** the new **specification**'s requirements. In many cases, the experts say, the problem can be solved by reinstalling the **terminating** plugs and sockets because the wiring itself should be OK. But if you've had any problems...

... buffer space, drop packets and generally create network chaos that may take days to unravel. For most **users**, the **time**'s not right for gigabit over copper. Early costs will be high, early impact on the rest...

21/3,K/17 (Item 5 from file: 674)
DIALOG(R) File 674:Computer News Fulltext
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072814

HANDHELD PC TAPS INTO BACK-END APPLICATIONS

Byline: JOHN COX

Journal: Network World Page Number: 20

Publication Date: March 08, 1999

Word Count: 396 Line Count: 38

Text:

...system, which supports an array of network options and a graphical user interface. The device is now **beginning** beta testing. Intermecc's new computer has one card slot, typically for a radio interface, and a...

... about a new shipment of parts will be sent to the inventory server, while data on a **user's timecard** will be sent to a payroll application. "This will be a compelling device," says Jill House, an...

... easily incorporated into Windows computing environments. The Intermecc product offers the ability to incorporate support for back- **end** systems. That makes possible enterprise-wide data collection - you can collect data, and it's available for...

... replace corrupted data. Intermecc has more than 200 value-added resellers and integrators that develop applications for **specific** industries or create **interfaces** to back- **end** applications, such as SAP AG's R/3. Intermecc competes with Symbol Technologies, among others. The 5020...

21/3,K/18 (Item 6 from file: 674)

DIALOG(R) File 674:Computer News Fulltext

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069436

Nortel packs more traffic on frame circuits

Byline: David Rohde

Journal: Network World Page Number: 26

Publication Date: October 12, 1998

Word Count: 496 Line Count: 48

Text:

... frame/ATM switches, such as the Model 6400 or 7400 series. Product development for the Passport 4400 **originated** at Nortel's Micom subsidiary, a company Nortel acquired in 1996 and is now folding into its ...

... the 4400 hard against products such as Cisco's MC3810 multiservice device announced in January. To that **end**, the 4400 incorporates a proprietary extension, called the Passport Access Network Link (PANL), to the Frame Relay...

... consulting firm. Enabling multimedia traffic to travel over a single PVC "greatly simplifies network deployment and saves **end - user time** and cost," she says. The Passport 4400 also attempts to pack as much voice traffic as possible...

... version, recommended for central sites, that supports a maximum of 30 voice channels. Nortel officials concede these **specifications** won't **meet** the needs of larger enterprises. But officials say users can install the 6400/ 7400 Passport switches at the central sites. Alternatively, smaller enterprises can **begin** with an all-4400 network and then upgrade to the larger boxes at central sites when traffic needs warrant. The new version of the 4400 is expected to be delivered at the **end** of the month. Prices will vary according to whether users purchase their own CSUs/DSUs or want...

21/3,K/19 (Item 7 from file: 674)

DIALOG(R) File 674:Computer News Fulltext

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068208

Say what?

Byline: Eric Hindin

Journal: Network World Page Number: 37

Publication Date: August 17, 1998

Text:

... time-sensitive traffic is handled properly with no packet loss." OK, got that? If so, you can **stop** here. If not, keep reading for a crash course in the QoS lexicon that will make it...

... Policy-based networking will one day tie all these features together in an automated system that ensures **end-to-end** QoS. Overengineering is the simplest and, arguably, most effective means of ensuring QoS in the LAN. Pressure...

... of application, protocol or source address. Every incoming packet is examined or filtered to see if it **meets** the **specified** criteria. Just about all routers support implicit QoS. Several switches also are designed to provide implicit QoS...

... much router processing. More important, any explicit QoS technique is a potential management nightmare. Given the chance, **end** users are likely to configure their software to ask for the best possible service level. Administrators would...a far-flung destination. Per-flow queuing establishes queues on a per-flow basis, which means each **user session** gets its own queue. The architecture has been implemented in switches based on MMC Networks' Anyflow 5500...

... management. Clearing up congestionCongestion control and avoidance mechanisms are other important aspects of QoS. Congestion control allows **end** stations to throttle their transmission rates and slow traffic if the network drops packets. TCP/IP and...

... the standard congestion avoidance method. In basic form, RED randomly drops packets as queues fill up, causing **end** stations to decrease their transmission rates so queues won't overflow. Weighted RED (WRED) improves on RED...

... Backbone Node routers support RED and WRED, as will forthcoming ISP-class gigabit and terabit routers from **start**-up vendors such as Argon Networks, Inc., Avici Systems, Inc., Juniper Networks, Inc., NetCore Systems, Inc. and...

... management systems will ultimately tie all the QoS capabilities discussed above into one cohesive system to ensure **end-to-end** QoS. Policy servers in conjunction with existing network monitoring and management software will monitor the network to...Directory Access Protocol to communicate. Policy servers still aren't available, but the products are expected to **start** shipping soon. Bay is scheduled to release a policy server next quarter based on its NetID TCP...

... Accelar Routing Switches and all Bay routers running BayRS routing software. 3Com also is expected by year- **end** to ship a stand-alone policy-based management system. Called PolicyPowered Networking, the product will work with...

... network. Translating vendor-speakNow that you know the QoS lexicon, the Cisco press release mentioned in the **beginning** of the story should make a little more sense. The statement means the Catalyst 8500 switch can place every **user session** in its own queue and can use a queuing algorithm such as WFQ to provide the most...

... flow. The switch manages congestion and also provides traffic policing and shaping. Queues are created for every **user session**. All this, along with WFQ, ensures QoS. Hindin is director of The Yankee Group's Network Solutions...

00712844

TECHNOLOGY 'BAKE-OFF' ADVANCES INTERNET SESSION INTERCONNECT PROTOCOL

Communications Standards News

January 20, 2000 VOL: DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 1505

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...Internet Engineering

Task Force (IETF) standard (RFC2543) in March 1999 and is designed to initiate, manage and **terminate** interactive sessions, including voice, across a wide area network. It is fast becoming a key part of...

...Protocol

The Session Initiation Protocol (SIP) is an application-layer control protocol that can establish, modify and **terminate** multimedia sessions or calls.

These multimedia sessions include multimedia conferences, distance learning, Internet telephony and similar applications...

...to

join both unicast and multicast sessions and the initiator does not necessarily have to be a **member** of the **session** which it is inviting others to join. Additional media and participants can also be added to an...

...of the ITU-T H-series recommendations for this purpose.

Basic Function Sets Support Call Establishment and **Termination**

SIP includes five basic function sets for establishing and **terminating** multimedia communications within the Internet:

- * User location - the determination of the **end** systems which are to be used for the **communication** ;

- * User capabilities - the **determination** of the media and the media parameters which are to be used;

- * User availability - the determination of...

...call parameters at

both the called and the calling party;

- * Call handling - including the transfer and the **termination** of calls.

SIP does not allocate multicast addresses: these are handled by other protocols. However, it can...

...for the future. In telecommunications intelligent network service parlance, personal mobility is defined as: "the ability of **end** users to **originate** and receive calls and access subscribed telecommunication services on

any terminal in any location, and the ability of the network to identify **end**

users as they move". Personal mobility is based on the use of a unique personal identity (i...

...number). Personal mobility complements terminal

mobility, i.e., the ability to maintain communications when moving a single **end**

system from one subnet to another.

A Basic Part of the IETF Multimedia Data and Control Architecture...

...multicast and the Session Description Protocol (SDP) (RFC 2327), used for

describing multimedia sessions.

SIP can invite **users** to **sessions** with and without resource reservation but it does not reserve resources itself. It relies on one or...

...be used in conjunction with other call set-up and signalling protocols. When used in that mode, **end** systems use SIP exchanges to determine the appropriate **end** system address and protocol from a given protocol-independent address. For example, SIP could be used to...

...establish the call.

In another example, SIP might be used to determine that the called party is **reachable** via the PSTN **indicating** the phone number to be called and, possibly, defining the specific Internet-to-PSTN gateway to be...

...simultaneously. After one of these telephones was answered, the proxies exchanged messages causing the other telephones to **stop** ringing. At that point, the two active parties were connected, were able to talk to each other...

...results of the Bake-Off and

unanimously declared it to have been a huge success.

At the **closing** press conference, Mats Nilsson, corporate director of technical standards strategy at Ericsson, said: "When 26 vendors, service ...

21/3,K/21 (Item 2 from file: 696)
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00689449

A Gentle Reminder about the Power of Marketing
INTERACTIVE PR & MARKETING NEWS
September 3, 1999 VOL: 6 ISSUE: 18 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 693 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...contain useful information and product recommendations based on user profiles. The emails range from identifying the right **time** for a **member** to fertilize the rose garden, to the release date of a favorite video or what behavior to...

...about a two-year-old child's development milestones. After advising the parent that the child will **begin** to talk about abstract concepts and **start** speaking in sentences, at the **end** of the message was a call to action: "Encourage an interest in language with books and videos...with compelling content in the email messages.

These business partners can conduct targeted marketing and advertising campaigns **reaching** a highly **specific** audience for their promotions, content or ads.

They benefit from the company's proprietary database containing valuable...

21/3,K/22 (Item 3 from file: 696)
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00667568

FIBER PRODUCTS
FIBER OPTICS NEWS

April 26, 1999 VOL 19 ISSUE: 17 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 644 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...connection to distant stations, servers or to a backbone switch. The product will be available by the **end** of May. Retail pricing will be \$895 for the 24-port switch (model 6000). The pricing of plug-in modules has yet to be **determined**. **Contact** : Mu-Chen Chang, Omnitron, 949/250-6510.

Seagate Expands Alliance With Hewlett-Packard
(www.seagatesoftware.com).
Responding...

...with Seagate backup exec shared storage option for Windows NT and NetWare. This certification will provide an **end** -to- **end** fiber channel SAN product. Seagate's backup exec shared storage option is available now, with a suggested retail **starter** pack price of CDN \$7,800, which includes support for two licenses of Seagate backup exec shared...

...additional uplink ports, deploying higher-density Web farms with more servers and faster connections for concurrent Web **user sessions**. Having additional ports allows as many as four more servers or network devices to be clustered to...

21/3,K/23 (Item 4 from file: 696)
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00641755

Liberalisation Drives Telecoms Convergence & Growth
Telecommunications Development Report
November 24, 1998 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PYRAMID RESEARCH
LANGUAGE: ENGLISH WORD COUNT: 6037 RECORD TYPE: FULLTEXT

(c) 1998 The Economist Intelligence Unit Limited

TEXT:

...targeting the booming data transmission and Internet services markets in an attempt to position themselves as one- **stop** shopping providers for lucrative business clients. Throughout the region, regulatory transformations combined with rapidly evolving technologies that...long distance concessions in early 1998. In Peru, the government and PTT Telefonica reached an agreement to **end** the operator's basic services monopoly on 1 August 1998 in exchange for OSIPTEL, the telecoms regulatory ...

...the executive branch and political party influence.
Efficiency: Procedures required for regulatory approvals occur in a predictable **time** frame.

Credibility: **Market** players believe that existing regulations will be enforced.

Transparency: Information on license application procedures, requirements, and fees...executive branch. The President of Venezuela can appoint ministers at will, and changes in the Ministry of **Communications** often **signify** major personnel upheavals in CONATEL. CONATEL must make decisions on a subjective case-by- case basis, and...strategic disadvantage for niche

datacoms operators. The key of the competitive game now is to capture the end user by selling them a full package of telecommunication services and raising the costs of switching to...

...a point where it is becoming more feasible to integrate voice and data platforms and even offer end-to-end voice service through packet-switched (frame relay or IP) networks, reducing the up-front capital expenditures of...

...long distance voice telephony licenses in the year 2000. ImpSat would prefer to be able to offer end-to-end voice services to its existing corporate clientele rather than just long distance, and will thus either try...services exclusivity until recently. The original privatisation contract of ENTel mandated they offer public data services through **STARTEL**, a 50/50 joint venture. With the upcoming liberalisation of the voice telephony market, **STARTEL** dissolved in September 1998 and TASA now has control over its own datacoms subsidiary, Advance Telecomunicaciones and...

...to corporate customers and, ideally, offer them all of their communications services (including voice) in a one-stop shopping package. In Peru, the operator "Red de Servicios Empresariales de Telecomunicaciones" (Resetel, ...leading independent datacoms operators have entered the Internet service market with full force. The Internet did not begin to take off in most South American countries until 1995. Since then, this emerging industry has experienced...

...Internet hosts, a proxy for growth in the Internet market, grew from approximately 10,000 at year-end 1994 to an estimated 270,000 by year-end 1998, a phenomenal compound annual growth rate of 127%. E-mail and entertainment have been the biggest...

...carriers (ENTEL, CTC, Telex-Chile, and VTR) dominate the market. These carriers have leveraged their access to end-users and ownership over domestic and international backbone facilities to dominate the services market. In Argentina, Advance...vendor financing. Total main lines in service in South America grew from 27.14 million at year-end 1994 to and estimated 43.22 million at year-end 1998, representing a compound annual growth rate of 12.3%. During the next five years, liberalisation and...

...markets. Total main lines in service in South America will increase from 48.89 million at year-end 1999 to 82.30 million by year-end 2003, a compound annual growth rate of 13.9%.

Datacoms services, including all point-to-point clear...

...ports in South America. Digital clear channel circuits in South America grew from 32,000 at year-end 1994 to an estimated 275,000 by year-end 1998, a compound annual growth rate of 71%.

Within the market for dedicated clear channels, end users are migrating from analogue leased lines to digital leased lines and to higher bandwidth connections as end-user applications demand higher bandwidth, clear channel prices fall from competition, and higher bandwidth connections become more...

...in 1997, the X.25 market will decline at a steady 13% rate during the 1999-2003 time frame as subscribers switch to a frame relay standard. Frame relay subscribers, which did not exist before 1995, have grown to an estimated 38,000 subscribers at year-end 1998. Pyramid Research estimates that total frame relay subscribers in South America will increase from 72,000 at year-end 1999 to approximately 641,000 at year-end 2003, a compound annual growth rate of 72%.

Growth Outlook for the Major Markets

The general trends...

...of incumbent operators. Brazil's regulator (ANATEL) finalised aggressive

universal service requirements for public operators at the end of April 1998. Given TELEBRAS's timely privatisation (July 1998) and new operators' obligations to meet main...

...targets, Pyramid Research estimates that main lines in service will grow from nearly 23 million at year-end 1999 to 44.1 million at year-end 2003, a compound annual growth rate of 18%. In the datacoms market, the "limited service licenses" and...

...advanced services. Pyramid Research expects total digital TDM circuits to increase from nearly 102,000 at year-end 1999 to over 351,000 by 2003, a compound annual growth rate of 36%.

Argentina is currently...

...Pyramid Research estimates that main lines in service will grow from nearly 7.7 million at year-end 1999 to over 11.9 million at year-end 2003, a compound annual growth rate of 11.7%. The full entry of TASA (Advance Telecomunicaciones) and...

...expands. Pyramid Research estimates that total digital TDM circuits will increase from approximately 87,000 at year-end 1999 to over 146,000 by year-end 2003, a compound annual growth rate of 14%.

In Colombia, the datacoms service market is already fairly...Pyramid Research estimates that main lines in service will grow from over 6.8 million at year-end 1999 to 9.6 million in 2003, a compound annual growth rate of 10%. In the datacoms markets, Pyramid expects digital TDM circuits in service to increase from 66,000 at year-end 1999 to 105,000 by year-end 2003, representing a compound annual growth rate of 12%. In Peru, Telefonica agreed to an August 1998...

...OSIPTEL. Pyramid Research estimates that main lines in service will grow from nearly 2 million at year-end 1999 to over 3 million in 2003, a compound annual growth rate of 11.7%. In the datacoms market, Pyramid expects digital TDM circuits in service to increase from under 12,000 at year-end 1999 to over 25,000 by year-end 2003, representing a compound annual growth rate of 21%.

In Venezuela, the liberalisation of the basic telephony million at year-end 1999 to roughly 4.8 million by year-end 2003, a compound annual growth rate of 10%. In the datacoms market, Pyramid expects digital TDM circuits in service to increase from just over 11,000 at year-end 1999 to over 31,000 by year-end 2003, representing a compound annual growth rate of 29%.

Increasing Competition Alters Revenue Potential

Liberalisation is also...of leased line offerings and the inadequacy of the existing leased line infrastructure. Chile, at the other end of the spectrum, has some of the lowest leased line prices in the world as a result...

...235 minimum: \$830
 maximum: \$7,000 maximum: \$44,680

*prices are ceilings established by supotel.

Source: Operators, end-users, Pyramid Research.

The countries with the greatest imbalance between corporate demand for broadband access transmission...

00628099

SATELLITE TV BILL ALMOST DEAD IN CONGRESS
TELEVISION DIGEST

October 5, 1998 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 1417 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...broadcasters want
current rules enforced.

NAB Exec. Vp James May said legislation in current form is
"real **close**" to what Assn. could support. NAB wants "single
definition" for Grade B, which he said is simply...new rates monthly for
networks reduced to 15 cents per subscriber and superstation rate
to 19 cents, **beginning** in 1999. Ninety-day waiting **period** for
cable **subscribers** to shift to satellite would be lifted and
enforcement of white area rules would be postponed to...
...ineligible for satellite delivery are by
definition able to get free over-air signals.

PrimeTime 24 signed **joint stipulation** with NAB backing delay
in enforcement of preliminary injunction handed down by Miami
federal judge, Pres. Thomas...

21/3,K/25 (Item 6 from file: 696)
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00618664

News

ISP BUSINESS NEWS
August 10, 1998 VOL: 4 ISSUE: 31 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 874 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...Releases IP-POTS Spec
The Technical Advisory Council (TAC), an organization of vendors
headed by Level 3 **Communications** [LVLT], released technical
specifications for a new protocol suite designed to seamlessly
integrate Public Switched Telephone Network and IP-based networks...

...and
senior director of Voice Network Engineering for Level 3, is expected
to be shipped by the **end** of this year.
In addition to Level 3, TAC members include 3Com [COMS], Alcatel
[ALA], Ascend [ASND...
...Level 3, 402/943-1309)

Internet Ventures Offers \$29.95 Service
Internet Ventures, a Los Angeles-based **start** -up offering
PerKInet, a phone return cable Internet access service, lowered its
service price from \$34.95...

...3-D image of
the user's face, stores it on the Web server, and recognizes the **user**
the next **time** he or she tries to access the system.
TrueFace **starts** at \$200 per user for 25 users; however, the per
seat price goes down for systems above...T outsourced the
application and supports it internally for the purposes of running

simulations and tests, but **stops** short of getting into the business of outsourcing.

Benjamin Keeley, D&T's partner and center's...

...resolved on the first call; fast resolution procedures for more complex issues; customer emails answered by the **end** of the next business day; database-based customer profiles; and product evaluation feedback.

NetworkTwo seeks to outsource...

21/3,K/26 (Item 7 from file: 696)
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00610923

EUROPE - UMTS could be early - but auction date slips
International Telecommunications Intelligence
June 19, 1998 ISSUE: 624 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: ESPICOM LTD.
LANGUAGE: ENGLISH WORD COUNT: 1132 RECORD TYPE: FULLTEXT

(c) ESPICOM BUSINESS INTELLIGENCE LTD. ALL Rts. Reserv.

TEXT:

...deployment of the
Universal Mobile Telecommunications System (UMTS) already exists. "It just needs to be tuned to **meet** the detailed technical **specifications** now being prepared by the European Telecommunications Standards Institute's (ETSI) Special Mobile Group (SMG)," he said...

...ARIB) and the Japanese standards authority
CTT. In Japan, UMTS services are set to open before the **end** of 2000. UK cellular network operators and regulators claim to have no knowledge of a trial system...first major applications that will create a demand for UMTS services. He expects that this demand will **start** to become apparent during the second half of 1999. Within a very short **time** he expects **users** to become frustrated with using the relatively slow data rates offered by existing GSM connections and create...

21/3,K/27 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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05548333 SUPPLIER NUMBER: 59875131 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fast Pages. (proxy server software) (Software Review) (Evaluation)
Freed, Les
PC Magazine, 17, 19, 255
Nov 3, 1998
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 6445 LINE COUNT: 00574

... to those of MidPoint Gateway and WinProxy.

WinGate Pro lets you configure the server to use a **specific interface** (or combination of interfaces) for each protocol. This lets you reserve one link exclusively for POP3, for...down with Web traffic. There's also a flexible scheduler (similar to WinProxy's) that lets you **start** and stop specific services, dial or disconnect modem links, and perform cache and user database-maintenance functions...

...the scheduler to dial (and stay connected to) your ISP, providing a full-time link during specified **times** and speeding **users** ' Internet access.

Deerfield.com's Lite version of WinGate provides the same functionality as WinGate Pro minus...

21/3,K/28 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

05513717 SUPPLIER NUMBER: 57800482 (USE FORMAT 7 OR 9 FOR FULL TEXT)
INTEGRATED LIBRARY SYSTEM SOFTWARE FOR SMALLER LIBRARIES.
Beiser, Karl A.
Library Technology Reports, 35, 4, 365
July, 1999
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 82294 LINE COUNT: 06591

... find the time to do an inventory check may be able to do one for the first time with a new system. Detailed statistics that reflect borrowing patterns and can inform collection development plans are... implementation of that feature. If neither the System Features table nor the review provides enough information to **determine** a grade, **contact** the vendor for information or a demo copy of the software, or seek other reviews of the...

21/3,K/29 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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05207693 SUPPLIER NUMBER: 21028324 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Barriers to Use of Free Antiretroviral Therapy in Injection Drug Users.
Strathdee, Steffanie A. PhD; Palepu, Anita MD, MPH; Cornelisse, Peter G.A. MSc; Yip, Benita BSc (Pharm); O'Shaughnessy, Michael V. OBC, PhD; Montaner, Julio S. G. MD, FRCPC; Schechter, Martin T. OBC, MD, PhD
JAMA, The Journal of the American Medical Association, v280, n6, p547(1)
August 12, 1998
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3289 LINE COUNT: 00356

TEXT:

...5 times less likely to receive therapy (OR, 5.55; 95% CI, 2.49-12.37). **Conclusions** --Despite free antiretroviral therapy, many HIV-infected injection drug users are not receiving it. Public health efforts...

...from the drug treatment program. We also attempted to identify barriers to ART utilization. Methods Study Subjects.-- **Beginning** in May 1996, 1106 IDUs were recruited into a prospective cohort study through self-referral and street...likely to receive ART. Results were unchanged after adjusting for time since eligibility and other factors. No **significant interactions** emerged. Comment Despite free ART in British Columbia, less than half the IDUs in our sample received...References 1. Patrick DM, Strathdee SA, Archibald CP, et al. Determinants of HIV seroconversion in injection drug users during a **period** of rising prevalence in Vancouver. Int J STD AIDS. 1997;8:437-445. 2. Strathdee SA, Patrick...

21/3,K/30 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04429336 Supplier Number: 55745365 (USE FORMAT 7 FOR FULLTEXT)
FUJITSU: Amdahl study reveals e-commerce service quality EnView evaluates competitive position.
M2 Presswire, pNA
Sept 14, 1999
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 445

... experience when visiting their Internet storefront."
EnView is an availability and response time monitor that measures performances **end -to- end** . **Starting** at \$19,500, EnView delivers proactive service management that continually monitors **end - user** response **times** across multiple technical environments. EnView monitors Internet/intranet, client/server and heritage applications, providing real-time visual availability and performance with other customer-**specified** Web sites.
CONTACT : Carol Ann Brennan, Amdahl Corporation Tel: +1 408 737 5977
e-mail: cabd0@amdahl.com
*M2 COMMUNICATIONS...

21/3,K/31 (Item 2 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04084419 Supplier Number: 53692098 (USE FORMAT 7 FOR FULLTEXT)

VIDEO NOTES.
Video Week, v20, n5, pNA
Feb 1, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1793

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...s satellite businesses in 2 transactions for \$1.82 billion, further consolidated DBS business. Acquisition, expected to **close** by midyear, will see DirecTV, which has 4.5 million customers, continuing to operate Primestar's medium...

...In larger multichannel market, DirecTV would be in 3rd place behind cable's TCI (14.3 million **subscribers**) and **Time** Warner (12.4 million). DirecTV continued robust growth in **ending** 4th quarter with 460,000 net new subscribers -- 400,000 in U.S. -- to reach total of 4.4 million at year- **end** . Revenues per subscriber were \$46 in quarter and acquisition costs were \$425. In year ended Dec. 31...

...Highway (DISH) passed 2 million in 1998 by adding 900,000 net new subscribers. ----- CDNow expects to **close** on merger with N2K, operator of Music Blvd. Internet site, by Feb. and is considering selling CE...

...and CD players, he said. ----- Caldor, blaming refusal by creditors group to agree to bankruptcy reorganization, will **close** its 145 stores by May. Norwalk, Conn.-based chain, which has been operating under bankruptcy since 1995...

...been at center of dispute with chain, sources said. Going-out-of-business sales are likely to **begin** in next few weeks and be completed by May, company said. Caldor is expected to seek court...more recently with Target's decision to push into New England. Most likely beneficiary of Caldor's **closing** will be Rocky Hill, Conn.- based Ames, which is in process of acquiring Mass.-based Hills Stores...

...retailer's independent accountants for auditing functions. In conjunction with change, company's fiscal year now will **end** Jan. 31, 2000. ----- It's still unclear how VHS licensor JVC will treat maverick 15-hour VCR...

...the existing VHS standard... Compatibility is the most important factor for the VHS system, and anything not **meeting** VHS **specifications** cannot be considered for VHS licensing."

21/3,K/32 (Item 3 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
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04013031 Supplier Number: 53201789 (USE FORMAT 7 FOR FULLTEXT)
-ALTERIAN: Alterian enters database market with shipment of advanced data
analysis product suite.

M2 Presswire, pNA

Nov 10, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1005

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...First contracts signed to deliver customised marketing and data
warehousing solutions Bristol - Alterian Limited, an exciting new **start**
-up company, today launched itself into the database market with the
shipment of its first suite of...

...individual record -- Rapidly handles hundreds of millions of records at
the desktop -- Can be fully customised to **meet** customers' **specific**
business requirements -- Is flexible and easy to use -- Provides shared
access for multiple **users** in real **time** across a local or wide area
network (LAN or WAN) or over the Internet Alterian Integrates VBA...
...Alterian technology. VBA integration also helps Alterian's business
partners to build and test solutions with minimal **time** to **market** . "We
are excited that Alterian has chosen to incorporate VBA in its data
analysis and data mining...

...record. It rapidly handles vast quantities of data at the desktop and
can be fully customised to **meet** customers' **specific** business
requirements. Alterian is based in Bristol in the UK. More information is
available at: www.alterian...

21/3,K/33 (Item 4 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04012336 Supplier Number: 53200015 (USE FORMAT 7 FOR FULLTEXT)
-MATRANET: MATRANet presents M>Wall 4.0, the latest version of its high
security firewall.

M2 Presswire, pNA

Nov 9, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1201

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...of its high security firewall (C)1994-98 M2 COMMUNICATIONS LTD
RDATE:061198 -- Tighter security for the **end** -user and simplified network
administration MATRANet today announced version 4 of M>Wall, its high-level
security...

...Security Strategy, built around the high-level security M>Wall 4.0
firewall, with add-ons to **meet** **specific** needs. Five levels of
protection for incoming and outgoing communications M>Wall 4 offers
single-point administration...

...with third-party scanning engines, such as antivirus software. All these
functions remain completely transparent to the **end** -user. New easy-to-use
interface for simplified administration M>Wall's new graphical user
interface, based...

...computer on the network. Auditing and reporting tools continuously
monitor firewall activity and report alarms in real **time** . **User** -level

security and confidentiality M>Wall enables specific rights or restrictions to be assigned based on user...

...In October 1997, M>Tunnel received approval from the French government agency for encryption regulations (SCSSI). Price: **Starting** at GBP 3900 for up to 50 users Availability: November 98 Technical characteristics Proxies and services supported...

21/3,K/34 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01157172 Supplier Number: 40976806 (USE FORMAT 7 FOR FULLTEXT)

IBM Announcements

Computergram International, n1280, pN/A

Oct 10, 1989

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 927

... type to another and has options designed to help control the impact of disk conversion on VM **users**, IBM says. **Time** spent on day-to-day data movement is reduced and the automated process does not require user...

...error information to log for problem determination; Minidisk, which creates, tailors, and saves lists of minidisks that **meet specific** criteria, and performs operations against selected CMS minidisks included in a list, invoking user extensions, and requesting...

...combination of the minidisk device type, volume serial number; and minidisk virtual address, owner ID, size, and **starting** address on a volume. The user may also specify comparative combinations against the corresponding characteristic for a...

...each minidisk that matches the user's selection criteria. Additional information for each entry includes the minidisk **ending** address on a volume and, if all the minidisks on a particular volume are listed, the gap ...

21/3,K/35 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2002 ProQuest. All rts. reserv.

04122752 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Time, history, and fairy tale in Ivan Bunin's "A Cold Autumn"

Briker, Boris

Canadian Slavonic Papers (ICSP), v40 n1/2, p125-136, p.12

Mar 1998

ISSN: 0008-5006 JOURNAL CODE: ICSP

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5906

TEXT:

... ways of looking at narrative time in this short story, I will investigate its three temporal aspects: **personal time**, historical time, and fairy-tale time. These temporal aspects, or temporal modes, reveal their own specific logic of events. **Personal time** spans the birth and death of a person. The biological frame of a person's life **determines** the **boundaries** of **personal time**. Historical time is **marked** by major historical events, such as revolutions, mass migrations, and wars. All these events involve large numbers...

...reading provides its own version of the heroine's past. The ambiguity of the short story's **ending** is directly contingent upon three possible readings.

But, first, what happens in "A Cold Autumn"? In this...

21/3,K/36 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2002 ProQuest. All rts. reserv.

03272558 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Early motherhood in an intergenerational perspective: The experiences of a British cohort
Manlove, Jennifer
Journal of Marriage & the Family (GMNF), v59 n2, p263-279, p.17
May 1997
ISSN: 0022-2445 JOURNAL CODE: GMNF
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9523

TEXT:

... In the above hazard function, X_{it} represents the value of the i th covariate for person i at time t . These are time-varying covariates in which the value of "X" changes over time, and the...

...each variable and the age of the daughter were tested. However, the final models include only the **significant** and relevant **interactions**.
' RESULTS' ' Bivariate Associations' ' Table 1 presents bivariate comparisons between background and individual variables by whether or not...

...ages at first birth. Daughters of teen mothers were more likely to report that they preferred to **start** a family at an early age. This supports a model of earlier preference for childbearing. In addition... risk of having a first birth is dependent on the age of the daughter. The influence is **significant** until the daughter **reaches** her early 20s, after which being a daughter of a teen mother has a reduced influence on... 20s (Moore, Morrison, & Greene, 1995), the increased risk of fertility in the early 20s is also a **significant** result. After daughters **reached** age 21, they were no longer at an increased risk of having a birth (until age 23). Even...

...more resources available than women in their mothers' generation to either prevent a teenage pregnancy or to **end** a pregnancy with an abortion.' ' An indicator of low maternal interest in a daughter's education (measured...mothers has also been supported, in part, by the analyses. Although the majority of teens preferred to **start** a family later in life, daughters of teen mothers did have a significantly earlier ideal age for...in industrialized countries. New Haven, CT: Yale University Press' ' Kahn, J. R., & Anderson, K. E. (1992). **Getting started** : Transition to adulthood in Great Britain. Demography, 29, CO: Westview' Kerckhoff, A. C. (1990). **Getting started** : Transition to adulthood in Great Britain. Boulder, CO: Westview' structure and career deflections. New York: Cambridge University...

21/3,K/37 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2002 PR Newswire Association Inc. All rts. reserv.

00308454 20000410HSM065 (USE FORMAT 7 FOR FULLTEXT)
Deja.Com Unveils Comprehensive Online Resource for Consumer Electronics Purchases
PR Newswire
Monday, April 10, 2000 08:02 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 698

The typical online shopping experience can be frustrating and

time-consuming, requiring **users** to visit one Web site for product comparisons, another for product pricing, several more for product reviews...

...Deja.com's Precision Buying Service earns its name because it enables consumers to control completely -- from **start** to **finish** -- the product investigation and buying process in a precise manner. Users can quickly zero in on a specific product, or compare products to **determine** which one best **meets** their needs.

Deja.com's Precision Buying Service takes the guesswork out of buying today's hottest...

21/3,K/38 (Item 2 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2002 PR Newswire Association Inc. All rts. reserv.

00196421 19991018DAM030 (USE FORMAT 7 FOR FULLTEXT)
TI Announces Next-Generation, Cable Modem Solution Complies with Euro-DOCSIS Industry Standard
PR Newswire
Monday, October 18, 1999 10:19 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 585

TEXT:
...cable modem silicon and software solution that is fully compliant with the European Data-over-Cable-Service- **Interface - Specification** (DOCSIS) standard was announced today by DSP market leader Texas Instruments (NYSE: TXN). The new solution enables original **end** -equipment manufacturers (OEMs) to lower system costs, speed **time** - to- **market** and provide superior channel quality for their European cable modem products. (<http://www.ti.com/sc/cablemodem...>)
...both the physical-layer (PHY) and media-access controller (MAC), requires a minimal configuration of analog front- **end** and low-cost RF components, and a low-cost host CPU. As a result, the TI design...

...In addition, the design provides fast-channel acquisition capability that means cable service providers can reduce their **subscriber** installation **time** by as much as 90 percent over competitive offerings.

"TI's solution is not only a superior...

21/3,K/39 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06380186 Supplier Number: 54768259 (USE FORMAT 7 FOR FULLTEXT)
The Learning Company Announces Software That Teaches Users to Speak a Foreign Language in No Time!
PR Newswire, pl126
June 2, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 374

... features a carefully designed four-step process that naturally builds to conversational fluency in a very short **time** .

Providing **users** with constant feedback on their progress in comprehension and pronunciation, QUICKSTUDY uses an onscreen tutor, interactive conversations with onscreen characters and conversation branching to strengthen the overall experience. The user-friendly **interface** , advanced speech **recognition** , talking dictionary and grammar guidebook makes learning personal and engaging from **beginning** to **end** .

"QUICKSTUDY can help high school students, adults and travelers build vocabulary, improve comprehension and ultimately engage in...

21/3,K/40 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05607211 Supplier Number: 48484480 (USE FORMAT 7 FOR FULLTEXT)
MovieFone Reports Record First Quarter Results; Call Volume and MovieLink Sessions Reach New Highs; Advertising Sales Lead the Way.
Business Wire, p5151186
May 15, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1142

... profits as a result of healthy advances in our core advertising and ticket sales businesses. At the **beginning** of the year we identified a number of goals and I am glad to report that, after...

...identified that we would continue to see rapid growth in usage of our MovieFone and MovieLink services. **Specifically** , we **reached** a MovieFone call volume record by receiving 20 million calls in a single quarter, and more than doubled the number of **user sessions** on MovieLink from the first quarter of 1997. MovieLink is by far the most popular site of...

...meaningfully expand the network of theatres for which we sell tickets. We have already achieved this by **concluding** an agreement with General Cinema to be the exclusive provider of teleticketing services for 269 of their...

21/3,K/41 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04669341 Supplier Number: 46872118 (USE FORMAT 7 FOR FULLTEXT)
Bentley Inaugurates Engineering Back Office
News Release, pN/A
Nov 7, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1397

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...ProActive Engineering Symposium - November 7, 1996 -Bentley Systems, Inc., a leader in engineering software, today announced the **start** of the software industry's first Engineering Back Office. Topping the strategy are a new line of...document management system Also as a part of the Engineering Back Office, Bentley announced the Open Engineering **Connectivity** (OEC) **specification** . OEC is a set of open, network-based APIs for all ModelServer products. Using these APIs, third parties and **end** -users can customize and create ModelServer client applications using Internet development environments such as Java from Sun...

...ModelServer Publisher is priced at \$9950 (US per server) for a single-channel version which serves one **client** at a **time** . It includes a

copy of Netscape FastTrack Server. The multi-channel version of ModelServer Publisher, for serving...

21/3,K/42 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04322730 Supplier Number: 46336842 (USE FORMAT 7 FOR FULLTEXT)
LIVINGSTON ENHANCES RADIUS SECURITY AND ACCOUNTING SERVER WITH SECURITY DYNAMICS AUTHENTICATION, SCRIPTING LANGUAGE, ENHANCED ATTRIBUTES
News Release, pN/A
April 29, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 740

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...other users. The new scripting language can be used to create custom screens presented on a per- **user** basis at **time** of login. Screen scripts are stored on the RADIUS server and referenced as part of an individual...

...session time-out limit which lets service providers or corporate network operators set limits -- on a per- **user** basis -- to **time** spent on line; and an idle time-out limit which can be used to **terminate** a **connection** after a **specified** period of inactivity. Other RADIUS attribute enhancements include a port limit to manage ISDN multilink PPP access...
...centralized filtering server, are used to apply authorization control on a per-user basis. For accounting, a **user** 's login **time** , duration on-line and LAN resource usage can be tracked for billing, usage reports, alerts of unauthorized...

...code and executables, will be distributed on Livingston's Total Access CD provided with all Livingston products **beginning** in June. It operates on most UNIX platforms, including SunOS, Solaris, AIX, HP/UX, Alpha OSF/1
...

21/3,K/43 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04027611 Supplier Number: 45855239 (USE FORMAT 7 FOR FULLTEXT)
AT&T CHAIRMAN NAMES TOP LEADERS FOR TWO COMMUNICATIONS COMPANIES CREATED BY STRATEGIC RESTRUCTURING
PR Newswire, p1012NY022
Oct 12, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2339

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...On September 20, Allen unveiled plans to separate AT&T into three publicly traded companies by the **end** of 1996. The move is designed to capitalize on the opportunities in each business' segment of the...

...of technology -- to our new enterprise, and an in-depth understanding of AT&T as a long- **time member** of our board of directors." As previously announced, Allen, 60, will continue as chairman and chief executive...

...currently chief executive officer of AT&T's Network Systems Group, is president and chief operating officer - **designate** of the new **communications** systems and technology company. Schacht and McGinn will assume their new roles in the first half of...

...At that time, Schacht also will resign from AT&T's board. In the meantime, Schacht will **begin** working immediately with McGinn and the leadership team for the new systems and technology company. Mandl's...

...its computer unit, AT&T Global Information Solutions, to be launched as an independent company by the **end** of 1996. Lars Nyberg, who is leading the company's aggressive turnaround effort, will continue to serve...chief executive officer of the AT&T Network Systems Group, was named president and chief operating officer - **designate** of the new **communications** systems and technology company to be created as a result of AT&T's recently announced restructuring...

21/3,K/44 (Item 6 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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03912798 Supplier Number: 45645944 (USE FORMAT 7 FOR FULLTEXT)
LabWindows/CVI Version 3.1 Introduces Wizard-Like Tools that Write Code for Users
News Release, pN/A
July 1, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1537

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...3.1 also introduces extended custom components to handle common DAQ or user interface operations with no **end - user** programming, **timer** controls, a simplified DAQ programming interface, new graphing and image display capabilities, and VXIplug&play- compliant instrument...

...ANSI C programming language. CodeBuilder significantly shortens the time from prototype to completed program, resulting in faster **time -to- market**, fewer coding errors, and more consistent and maintainable source code for new systems. LabWindows/CVI users design...

...1. ") Custom Components for Common DAQ and GUI Programming Tasks A new collection of extended controls replace **end -user** programming for many common DAQ and GUI operations. Built on the LabWindows/CVI instrument driver architecture...

...chart recorder that acquires and displays the values of several DAQ board input channels with no additional **end -user** programming. ECHO controls act as instrument drivers for DAQ boards by handling the low-level hardware...

...on a plug-in board or from 300 input channels multiplexed through an SCXI signal conditioning front- **end** without any additional configuration programming. Visual Editing and Debugging with Toolbars On-screen toolbars present all of...

...the interface-independent I/O driver library for building instrument drivers. In addition, a set of getting- **started** source code templates that use the VTL are included to streamline VXIplug&play instrument driver development. The...execute test sequences and automatically store the results in a database of their choice. The projects include **interactive** dialogs for **specifying** the pieces of information users want to store from test results and the format in which to...

...and For More Information LabWindows/CVI Version 3.1 will be available in Q3 1995 with pricing **starting** at \$995. For more information, contact National Instruments, 6504 Bridge Point Parkway, Austin, Texas 78730-5039, (512...

21/3,K/45 (Item 1 from file: 141)
DIALOG(R) File 141:Readers Guide

(c) 2002 The HW Wilson Co. All rts. reserv.

01297526 H.W. WILSON RECORD NUMBER: BRGA88047526

Software manages engineering data.

AUGMENTED TITLE: Sherpa Corp.

High Technology Business (High Technol Bus) v. 8 (Sept. '88) p. 55-6

ABSTRACT: Excerpted from CIM Strategies. QuickStart from Sherpa Corporation of San Jose, California, is a **starter** kit for companies that wish to implement an engineering data-management system on a pilot basis. Engineering...

...Engineering Data Management (EDM) software to develop the initial 80 percent of the pilot system. Sherpa personnel **finish** the final 20 percent and train the users. Research conducted by Sherpa and Market **Reach** **indicates** that poor product data management can add significantly to costs in scrap or rework, late designs, and wasted **personnel time** .

Set	Items	Description
S1	31971	(USER? OR CLIENT? OR PATRON? OR VISITOR? OR SUBSCRIBER? OR NETIZEN? OR CLIENTELE OR CLIENTELLE OR PERSON? OR MEMBER) (2N) - (SESSION? OR INTERVAL OR TIME? OR PERIOD)
S2	14811	(TIME? OR DATE OR DAY) (2N) (STAMP? OR MARK?) OR DATEMARK? OR TIMESTAMP? OR DATESTAMP?
S3	211061	IDLE OR IDLES OR IDLING OR INACTIVE OR INERT OR INOPERATIVE OR UNUSED
S4	1222540	INTERACT? OR CONNECT? OR COMMUNICAT? OR INTERFACE? OR CONTACT? OR REACH? OR MEET? OR JOIN? OR BOUND?
S5	1292091	DETERMIN? OR CHOOS? OR DECID? OR RESOLV? OR ASCERTAIN? OR - SPECIF? OR DESIGNAT? OR STIPULAT? OR SIGNIF? OR INDICAT? OR DETECT? OR RECOGNI?
S6	1019085	END OR ENDING OR CEASE? OR CEASING OR CESSAT? OR CLOSE OR - CLOSING OR CLOSURE OR CONCLU? OR FINISH? OR STOP? OR TERMINAT?
S7	620263	START? OR ARISE? OR BEGIN? OR COMMENC? OR ORIGINAT?
S8	779	S1 (S) S2
S9	246	S8 (S) S6
S10	225	S8 (S) S7
S11	7629	S1 (S) S6
S12	652527	S5 (S) (S3 OR S4)
S13	191769	S5 (3N) (S3 OR S4)
S14	516	S11 (S) S13
S15	5415	S1 (S) S7
S16	160	S9 (S) S10
S17	67	S16 (S) S13
S18	60	S17 (S) S7
S19	29	S18 AND IC=G06F?
S20	29	IDPAT (sorted in duplicate/non-duplicate order)
S21	29	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2002/Dec W02

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File 349:PCT FULLTEXT 1979-2002/UB=20021212,UT=20021205

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21/5,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00975324

Pipeline decoding system
Pipeline-System zur Dekodierung
Systeme pipeline de decodage

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PATENT (CC, No, Kind, Date): EP 884910 A1 981216 (Basic)

EP 884910 B1 010509

APPLICATION (CC, No, Date): EP 98202132 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 674443 (EP 95301301)

INTERNATIONAL PATENT CLASS: H04N-007/24; **G06F-013/00 ; G06F-009/38**

CITED PATENTS (EP B): EP 572766 A; EP 576749 A; WO 94/25935 A

CITED REFERENCES (EP B):

MAYER A C: "THE ARCHITECTURE OF A SINGLE-CHIP PROCESSOR ARRAY FOR
VIDEOCOMPRESSION" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON
CONSUMER ELECTRONICS, ROSEMONT, JUNE 8 - 10, 1993, no. CONF. 12, 8 June
1993, page 294/295 XP000427624 INSTITUTE OF ELECTRICAL AND ELECTRONICS
ENGINEERS

KAORU UCHIDA ET AL: "A PIPELINED DATAFLOW DATAFLOW PROCESSOR ARCHITECTURE
BASED ON A VARIABLE LENGTH TOKEN CONCEPT" ARCHITECTURE, UNIVERSITY
PARK, AUG. 15 - 19, 1988, vol. 1, no. CONF. 17, 15 August 1988, pages
209-216, XP000079309

YONG M CHONG: "A DATA-FLOW ARCHITECTURE FOR DIGITAL IMAGE PROCESSING"
WESCON CONFERENCE RECORD, 1 January 1984, pages 4/6 1-4/6 10,
XP000565437

KOMORI S ET AL: "AN ELASTIC PIPELINE MECHANISM BY SELF-TIMED CIRCUITS"
IEEE JOURNAL OF SOLID-STATE CIRCUITS, vol. 23, no. 1, February 1988,
pages 111-117, XP000051576;

ABSTRACT EP 884910 A1

A pipeline system having an inverse modeller stage and an inverse
discrete cosine transform stage, comprising a processing stage,
positioned between said inverse modeller stage and said inverse discrete
cosine transform stage, responsive to tokens for processing data, wherein
said tokens each comprise a plurality of data words, each said word
including an extension indicator which indicates a presence or an absence
of additional words in said token, a length of said token being
determined by said extension indicators, whereby the length of said token
can be unlimited;

wherein said tokens are communicated from said inverse modeller stage to
said processing stage.

ABSTRACT WORD COUNT: 104

NOTE:

Figure number on first page: 76

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000607 A1 International Patent Classification changed: 20000419

Application: 981216 A1 Published application (A1with Search Report ;A2without Search Report)

Oppn None: 020502 B1 No opposition filed: 20020212

Lapse: 020403 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20010509, BE 20010509,

Grant: 010509 B1 Granted patent

Change: 000607 A1 Title of invention (French) changed: 20000419

Change: 000607 A1 Title of invention (English) changed: 20000419

Change: 000607 A1 Title of invention (German) changed: 20000419

Change: 000712 A1 International Patent Classification changed: 20000524

Change: 000712 A1 Title of invention (German) changed: 20000524

Change: 000712 A1 Title of invention (English) changed: 20000524

Change: 000712 A1 Title of invention (French) changed: 20000524

Lapse: 020320 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 20010509,

Lapse: 020410 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20010509, BE 20010509, CH 20010509, LI 20010509,

Examination: 981216 A1 Date of filing of request for examination: 980626

Examination: 990901 A1 Date of dispatch of the first examination report: 19990713

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199851	498
CLAIMS B	(English)	200119	330
CLAIMS B	(German)	200119	308
CLAIMS B	(French)	200119	382
SPEC A	(English)	199851	126705
SPEC B	(English)	200119	122739
Total word count - document A			127222
Total word count - document B			123759
Total word count - documents A + B			250981

...INTERNATIONAL PATENT CLASS: **G06F-013/00** ...

... **G06F-009/38**

...SPECIFICATION In accordance with the present invention, MPEG/JPEG blocks of user and extension data preceded by start/ **marker** codes can be detected by the Start Code Detector. H.261/MPEG "extra information" is detected by...is likely to cause other errors within the decoder. However, new data arriving at the Start Code **Detector** can continue to be decoded after this loss of byte alignment.

By setting ignore(underscore)non(underscore)...

21/5,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00711606

Start code detector for image sequences

Detektor fur den Startcode von Bildsequenzen

Detecteur de code de depart pour sequences d'images

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PATENT (CC, No, Kind, Date): EP 674443 A2 950927 (Basic)
EP 674443 A3 951213
EP 674443 A3 981223
EP 674443 B1 010509

APPLICATION (CC, No, Date): EP 95301301 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 891089 (EP 98202149)
(EP 98202154)

EP 884910 (EP 98202132)

EP 891088 (EP 98202133)

EP 897244 (EP 98202134)

EP 901286 (EP 98202135)

EP 901287 (EP 98202166)

EP 896473 (EP 98202170)

EP 896474 (EP 98202171)

EP 896476 (EP 98202174)

EP 896475 (EP 98202172)

INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00 ; G06F-009/38

CITED PATENTS (EP B): EP 288219 A; EP 460751 A; EP 506294 A; EP 551672 A;
EP 572263 A; EP 572766 A; EP 576749 A; EP 577329 A; EP 602621 A; WO
94/25935 A; GB 2269070 A; US 4622585 A; US 4823201 A; US 5173695 A; US
5253053 A

CITED REFERENCES (EP B):

KUN-MIN YANG ET AL: "VLSI ARCHITECTURE DESIGN OF A VERSATILE VARIABLE
LENGTH DECODING CHIP FOR REAL-TIME VIDEO CODECS" PROCEEDINGS OF THE
REGION 10 CONFERENCE ON COMPUTER AND COMMUNICATI SYSTEMS (TENCON), HONG
KONG, 24 - 27 SEPT., 1990, vol. 2, 24 September 1990, pages 551-554,
XP000235934 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

KOMORI S ET AL: "AN ELASTIC PIPELINE MECHANISM BY SELF-TIMED CIRCUITS"
IEEE JOURNAL OF SOLID-STATE CIRCUITS, vol. 23, no. 1, February 1988,
pages 111-117, XP000051576

KAORU UCHIDA ET AL: "A PIPELINED DATAFLOW DATAFLOW PROCESSOR ARCHITECTURE
BASED ON A VARIABLE LENGTH TOKEN CONCEPT" ARCHITECTURE, UNIVERSITY
PARK, AUG. 15 - 19, 1988, vol. 1, 15 August 1988, pages 209-216,
XP000079309 BRIGGS F A

TOKUMICHI MURAKAMI ET AL: "A DSP ARCHITECTURAL DESIGN FOR LOW BIT-RATE
MOTION VIDEO CODEC" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS, vol. 36,
no. 10, 1 October 1989, pages 1267-1274, XP000085313

ELLIOTT J A ET AL: "REAL-TIME SIMULATION OF VIDEOPHONE IMAGE CODING
ALGORITHMS ON RECONFIGURABLE MULTICOMPUTERS" IEE PROCEEDINGS E.
COMPUTERS & DIGITAL TECHNIQUES, vol. 139, no. 3 PART E, 1 May 1992,
pages 269-279, XP000306411

MAYER A C: "THE ARCHITECTURE OF A SINGLE-CHIP PROCESSOR ARRAY FOR
VIDEOCOMPRESSION" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON
CONSUMER ELECTRONICS, ROSEMONT, JUNE 8 - 10, 1993, no. CONF. 12, 8 June
1993, page 294/295 XP000427624 INSTITUTE OF ELECTRICAL AND ELECTRONICS
ENGINEERS

YONG M CHONG: "A DATA-FLOW ARCHITECTURE FOR DIGITAL IMAGE PROCESSING"
WESCON CONFERENCE RECORD, 1 January 1984, pages 4/6 1-4/6 10,
XP000565437;

ABSTRACT EP 674443 A2

A multi-standard video decompression apparatus has a plurality of

stages interconnected by a two-wire interface arranged as a pipeline processing machine. Control tokens and DATA Tokens pass over the single two-wire interface for carrying both control and data in token format. A token decode circuit is positioned in certain of the stages for recognizing certain of the tokens as control tokens pertinent to that stage and for passing unrecognized control tokens along the pipeline. Reconfiguration processing circuits are positioned in selected stages and are responsive to a recognized control token for reconfiguring such stage to handle an identified DATA Token.

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 61

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 010509 B1 Granted patent
 Application: 950927 A2 Published application (A1with Search Report ;A2without Search Report)
 Oppn None: 020502 B1 No opposition filed: 20020212
 Lapse: 020403 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20010509, BE 20010509,
 Lapse: 020320 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 20010509,
 Lapse: 020410 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20010509, BE 20010509, CH 20010509, LI 20010509,
 Search Report: 951213 A3 Separate publication of the European or International search report
 *Search Report: 960110 A2 Separate publication of European or Intl search report (change)
 Change: 971022 A2 Representative (change)
 Change: 980304 A2 Obligatory supplementary classification (change)
 Examination: 981104 A2 Date of filing of request for examination: 980908
 Search Report: 981223 A3 Separate publication of the European or International search report
 Examination: 990324 A2 Date of despatch of first examination report: 990208

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2897
CLAIMS B	(English)	200119	647
CLAIMS B	(German)	200119	609
CLAIMS B	(French)	200119	752
SPEC A	(English)	EPAB95	128616
SPEC B	(English)	200119	122384
Total word count - document A			131543
Total word count - document B			124392
Total word count - documents A + B			255935

...INTERNATIONAL PATENT CLASS: G06F-013/00 ...

... G06F-009/38

...SPECIFICATION presented via the rom revision register regardless of the state of continue.

2)There is no event **indicating** that the last byte of extension/user data has been read.

A.14.7 Receiving Extra Information...to display the output and, therefore, are not discussed here.

This section concentrates on showing:

- (How the **start** and **end** of sequences can be identified.
- (How the **start** and **end** of pictures can be identified.

(How to identify wh to display the picture.
(How to identify where...

21/5,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00634193

Medical information processing system for supporting diagnosis.
System zur Verarbeitung von medizinischen Daten zur Unterstuetzung der
Diagnose.
Systeme de traitement d'informations medicales pour assistance
diagnostique.

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PATENT (CC, No, Kind, Date): EP 616290 A2 940921 (Basic)
EP 616290 A3 950906

APPLICATION (CC, No, Date): EP 94102996 940228;

PRIORITY (CC, No, Date): JP 9339996 930301; JP 9348366 930309; JP 9384296
930412; JP 93177859 930719; JP 93178934 930720; JP 93182319 930723

DESIGNATED STATES: DE; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 99119619)

INTERNATIONAL PATENT CLASS: G06F-015/42

ABSTRACT EP 616290 A2

A medical information processing system for supporting diagnosis, which
allows an original image (eg. X-ray image) to be displayed together with
a reduced image for indicating positions of abnormalities. The system
includes a detecting unit for detecting abnormalities in the image, a
unit for marking the abnormalities on the reduced image and a display
unit for displaying the original and reduced images so that they do not
interfere with one another. (see image in original document)

ABSTRACT WORD COUNT: 78

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 020904 A2 International Patent Classification changed:
20020717
Application: 940921 A2 Published application (A1with Search Report
;A2without Search Report)
Examination: 940921 A2 Date of filing of request for examination:
940228
Change: 950222 A2 Title of invention (English) (change)
Change: 950712 A2 Representative (change)
Search Report: 950906 A3 Separate publication of the European or
International search report
Examination: 990317 A2 Date of despatch of first examination report:
981215
Change: 991027 A2 International Patent Classification changed:
19990904
Change: 991201 A2 Application number of divisional application
(Article 76) changed: 19991012

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) EPABF2 1361
SPEC A (English) EPABF2 66618
Total word count - document A 67979
Total word count - document B 0
Total word count - documents A + B 67979
INTERNATIONAL PATENT CLASS: G06F-015/42

...SPECIFICATION superposed on such images to display it.

Furthermore, with the progress of digitized imaging, a Picture Archiving **Communication** System (hereinafter, PACS) has been used to realize a smoothness in this image diagnosis business and space-saving for keeping data. The PACS stores, **communicates**, and displays medical images (X-ray images, CT images, MR images, or the like) produced in the ...satisfactorily, it is desired to shorten a period from a medical examination to an operation or a **commencement** of a medical treatment. Also, it is the present conditions that a digital image system for a...

21/5,K/4 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00963611 **Image available**

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
POUR SERVICES DE LOCATION DE VEHICULES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)
Application: WO 2001US51431 20011019 (PCT/WO US0151431)
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 237932

English Abstract

An Internet enabled, business-to-business computerized transaction system is disclosed in its preferred embodiment for use in providing rental car services for high volume users and comprises an Internet web portal through which the high volume user may access a plurality of service providers including an integrated business computer network for at least one rental vehicle service provider. The rental vehicle services provider computer network is configured to interconnect a geographically diverse plurality of branch offices, cataloguing their available rental vehicles and schedules for same as well as handling all transactional data relating to its business. The Internet web portal provides ubiquitous connectivity and portability for a multi-level business organization who regularly places high volumes of rental purchases with its business partner and also those other service providers who may or may not have the same integrated business computer system and software. Utilizing the method and apparatus of the present invention large volumes of rental transactions may be placed, monitored, altered during performance, and closed out with financial accounting and payment being made virtually without human intervention.

French Abstract

La presente invention concerne un systeme informatique de transaction entre entreprises qui dans un mode de realisation prefere est destine a fournir des services de location de vehicules pour des utilisateurs a demande elevee comportant un portail de reseau Internet grace auquel l'utilisateur a demande elevee peut acceder a une pluralite de fournisseurs de services comportant un reseau informatique d'entreprise integre pour au moins un fournisseur de services de location de vehicules. Le reseau informatique de fournisseur de services de location de vehicules est configure pour l'interconnexion d'une pluralite de succursales de diversite geographique, presentant le catalogue de leurs vehicules de location disponibles et des programmes les concernant ainsi que pour la gestion de toutes les donnees de transaction concernant son entreprise. Le portail de reseau Internet permet une connectivite et une transferabilite universelles pour une association d'entreprises a plusieurs niveaux qui placent regulierement des demandes elevees d'achat de location avec son associe commercial et egalement les autres fournisseurs de services qui peuvent ou non avoir le meme systeme et logiciel informatique d'entreprise integre. L'utilisation du procede et de l'appareil de la presente invention permet de placer, de grands volumes de transactions de location, de les controler, de les modifier en cours d'operation, et de les conclure avec des operations de comptabilite financiere et paiement pratiquement sans intervention humaine.

Legal Status (Type, Date, Text)

Publication 20021205 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-017/60

21/5,K/5 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00963516 **Image available**

USER INTERFACE SYSTEMS

SYSTEMES D'INTERFACE UTILISATEUR

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Park South, Oxford, Oxfordshire OX4 2RU, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200297600 A2 20021205 (WO 0297600)

Application: WO 2002GB2013 20020502 (PCT/WO GB0202013)

Priority Application: GB 200112717 20010525

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-003/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6735

English Abstract

A user interface system for allowing users to initiate events comprises:
a plurality of markers each having a marker identity; a plurality of
portable readers each having a reader identity and arranged to read said
marker identities from adjacent markers, and at least one base station
arranged to communicate with said readers in a wireless manner, wherein
at least one reader is provided with actuation means which when actuated
by a user causes the reader identity of the reader and the marker
identity of an adjacent marker to be transmitted by the reader to said
base station, so as to cause, for at least one of said markers, said base
station to initiate, directly or indirectly, an action which is at least
partly determined by the reader identity of said reader.

French Abstract

L'invention concerne un systeme d'interface utilisateur permettant a des
utilisateurs d'initialiser des evenements comprenant une pluralite de
marqueurs possedant chacun une identite de marqueur, une pluralite de
lecteurs portables possedant chacun une identite de lecteur et destines a
lire lesdites identites de marqueur de marqueurs adjacents, et au moins
une station de base destinee a communiquer sans fil avec lesdits
lecteurs. Au moins un lecteur est equipe d'organes d'actionnement qui,
lorsqu'ils sont actionnes par un utilisateur, permettent au lecteur de
transmettre l'identite de lecteur et l'identite d'un marqueur adjacent a
ladite station de base, de maniere a generer, pour au moins un desdits
marqueurs, l'initialisation par ladite station de base, directement ou
indirectement, d'une action qui est au moins partiellement determinee par
l'identite dudit lecteur.

Legal Status (Type, Date, Text)

Publication 20021205 A2 Without international search report and to be
republished upon receipt of that report.

Main International Patent Class: **G06F-003/00**

Fulltext Availability:

Claims

Claim

... across an RS232 link 42. A program running on the PC 38 forwards this message, and a **timestamp**, to a Monitoring System 50 (which is a software object running somewhere on the Internet) across a...the time value), the radio module 30 is switched back into receive mode, and the SHARC 32 **begins** watching for another incoming radio message. The Monitoring System 50 is a CORBA object running on a...button reader 4. If the numbers differ, the events refer to different activation attempts, and if the **timestamp** of the incoming event is earlier than that of the last stored event for that reader 4, the Monitoring System 50 can **conclude** that the incoming message refers to an out-of-date event and there is no point in...response to the Base Station 20. If the sequence numbers are not the same, and the incoming **timestamp** is the most recent, the incoming **timestamp** and sequence numbers are stored by the Monitoring I 0 System 50, which **concludes** that the message refers to a new virtual button press event for the button reader 4 referred that service. In a preferred embodiment, references to services are stored as text strings 1 5 **indicating** how to **contact** that service over the Internet (possibly using a CORBA interface), and what command should be activated for...Base Station 20. This time is sent as the interval between the time of detection of the **end -of-preamble** marker found by the Base Station 20, and the time at which transmission of the response message should **begin**. If the sequence numbers for incoming messages received by two base stations 20 are the same and the **timestamps** are similar (to within a few tens of milliseconds, to account for drift between the clocks of the Base Stations 20), the Monitoring System 50 can **conclude** that the incoming message refers to the most recent virtual button press event for that button reader...the Monitoring System 50 simply sends an impossible transmission time (i.e. before the detection of the **end -of-preamble** marker) back to the excess Base Stations 20. Those Base Stations 20 will ignore this...virtual button ID and the button reader ID to the monitoring system 50 over a wired link, **timestamping** this data is necessary. 5 Based on its knowledge of virtual buttons 2, their IDs, and the...services that would be activated when a group of buttons 2 of particular types were activated in **close** succession by the same reader 4. In a fourth embodiment the monitoring system 50 stores information that...

...performed. An example is a button 2 representing a token that could only be held by one **person** at a **time**, for example to indicate temporary 'ownership' ...embodiment, a doctor in a hospital may carry a digital audio memo taker (not shown) that records **time - stamped** audio files. He can record notes for each patient. To ensure that the right notes are associated...field of view I 0 of the camera, and this can be displayed (textually) at the far **end** of the videophone conversation to aid communication between the parties when large groups are involved. In its ...

21/5,K/6 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00933152 **Image available**

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)
Application: WO 2001US51437 20011019 (PCT/WO US0151437)
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 243912

English Abstract

French Abstract

Legal Status (Type, Date, Text)

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republished upon receipt of that report.

Declaration 20021114 Late publication under Article 17.2a

Republication 20021114 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the ARMSKEY external data structure's data elements for COMPANY PROFILE
ID and GROUP TYPE CODE to **determine** if a shutdown was ceived.

IAM0021VII is used as a literal constant to pass as an input...

21/5,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00918408 **Image available**

A SYSTEM AND METHOD FOR IMPROVING ACCURACY OF SIGNAL INTERPRETATION
SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LA PRECISION DE L'INTERPRETATION

DE SIGNAL

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200252434 A2 20020704 (WO 0252434)

Application: WO 2001GB5580 20011217 (PCT/WO GB0105580)

Priority Application: GB 200031596 20001222; GB 20014531 20010223

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15340

English Abstract

An interpretation system for interpreting electronic signals. The system comprising a central processor for receiving an electronic signal from a user terminal; software for (a) interpreting the signal electronically to reduce errors and (b) identifying parts of the signal that cannot be accurately interpreted electronically. In the event that there are parts of the signal that cannot be interpreted, the system is operable to present at an operator terminal the part of the signal that cannot be accurately interpreted electronically. The operator terminal is such as to allow an operator to interpret the signal and make any corrections that are deemed necessary. Once this is done, the correct interpretation is sent to the user terminal or another pre-determined electronic destination. Also provided are means for automatically adapting the electronic signal-interpretation process when operator assisted interpretation is employed, so as to extend the range of signals that can be accurately interpreted electronically. In this way, the accuracy of the system is continuously and dynamically up-dated.

French Abstract

L'invention concerne un systeme d'interpretation pour interpreter des signaux electroniques. Ce systeme comprend un processeur central pour recevoir un signal electronique d'un terminal d'utilisateur, un logiciel pour (a) interpreter le signal electroniquement pour reduire les erreurs et (b) identifier des parties du signal qui ne peuvent etre interpretees avec precision electroniquement. Dans le cas ou il y a des parties du signal qui ne peuvent etre interpretees, le systeme peut presenter a un terminal operateur la partie du signal qui ne peut etre interpretee avec precision electroniquement. Le terminal operateur est concu pour permettre a un operateur d'interpreter le signal et d'effectuer toutes les corrections jugees necessaires. Une fois cette operation realisee, l'interpretation correcte est envoyee au terminal d'utilisateur ou a une autre destination electronique predeterminee. L'invention concerne egalement des moyens permettant d'adapter automatiquement le procede d'interpretation de signal electronique lorsque que l'interpretation avec l'aide de l'operateur est utilisee, de maniere a augmenter la plage de signaux pouvant etre interpretes avec precision electroniquement. De cette facon, la precision du systeme est mise a jour de facon continue et dynamique.

Legal Status (Type, Date, Text)

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republished upon receipt of that report.
Examination 20021024 Request for preliminary examination prior to end of
19th month from priority date

Main International Patent Class: **G06F-017/20**

Fulltext Availability:

Claims

Claim

- ... is spoken into voice recognition equipment to be corrected or to create a voice interface where the **end** system responds -to spoken natural language commands. In the case of voice recognition the electronic version of...
- ...recordings and the recognized text for use in training and development of VR engines etc. Alternatively, the **end** -user's terminal 30 could merely be used as a telephone, indeed it may in fact be...as a voice interface for carrying out a user intent are shown in Figure 7. The process **begins** when the **end** -user says something at their machine. The **end** -user's machine and the voice recognitioninterface service must collectively recognize that the user has said something...
- ...or other communications network, ideally using a standard protocol such as FTP or HTTP, to the voice **recognition / interface** main server, along with identification of the client (for billing and data return purposes, as well as to track user identity and information). The **end** -user software would ideally take the form of an easily downloadable application or Java applet or ActiveX...
- ...engine is already installed. The requests received are placed into a queue for processing at the voice **recognition / interface** service provider. Their queue entry is recorded in a database. Multiple queues could allow different quality of...
- ...was said are evaluated. against an information database(s). The information database(s) is built up over **time** , by recording **personal** details or preferences from what has been said, or from information directly entered into the system by...best score is greater than a. set ratio threshold. I 0 Where the utterances have failed to **meet** the pre-determined criteria for automatic acceptance., these are sent to a human operator. The utterance (via the transmitted signal of the speech) is then re-played to the operator, who **begins** -by choosing the correct textual interpretation from the list produced by the voice recognition engine. If the...
- ...corrected, it is recorded in the service's knowledge database and will be passed back to the **end** -user's machine with the final response. The corrected text will then be passed to the voice...
- ...large improvement on current voice recognition systems. Now that the text has been deduced, the interpretation process **begins** again, though only with the correct text. Because the algorithm is now only considering one textual phrase...
- ...domestic appliance, in which case, the appliance may either speak back or perform some action (e.g. **start** the spin cycle) or both. Here the response could be a series of phonemes to be spoken and a command as to the state to enter (**start** rinse, cook toast, **start** heating). Where the client system comprises a master computer that performs the speech recognition and manages the...
- ...may not have its own voice recognition system, but would

accept commands from the master computer to **start** **toasting**. The master computer would then be set up to listen to commands in the various rooms ...on their phone or keyboard).'

When an operator receives a phrase to be translated into intentions, they **begin** by translating sub-phrases. They define actions for the sub-phrases and then go to bigger portions...

...process method is to consider every sub-phrase from the sentence in order of increasing length. This **begins** by mapping to intentions all sub-phrases of length one (ie the individual words). Next all subphrases...Note that the operator may have defined "incoming messages" directly, instead of through sub-phrases. Operators may **end** up defining it both ways, so there may be interpretations for "incoming messages" as well as for...added to the system, the cache may contain information that is invalid. To get round this a **timestamp** is stored in the cache and the oldest items in the cache are routinely re-processed. Those...

...whose meaning changes can also reveal problems in the system to the 'third-level' operators. Such problems **arise** if an operator makes a mistake in specifying an intention, for instance. The set of items whose...

21/5,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00887205 **Image available**

METHOD AND SYSTEM FOR DEVELOPING OPTIMIZED SCHEDULES
PROCEDE ET SYSTEME DESTINES A DEVELOPPER DES HORAIRES OPTIMISES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 2000658866 20000908

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8482

English Abstract

In accordance with the present invention a process is provided for optimizing a schedule of legs employed in transporting objects between geographic markets. The process identifies a set of itineraries (112) for serving a set of markets, and then generates a set of market plans (122)

for each market. Each market plan comprises a modified set of the itineraries for the market. The profitability of each market plan is then determined (142), and a selection is made from the set of market plans (144) of a subset thereof that optimizes overall profit of the schedule.

French Abstract

Selon cette invention, un procede destine a optimiser un horaire des trajets utilises dans le transport d'objets entre des marches geographiques. Le procede identifie un ensemble d'itineraires (112) destines a servir un ensemble de marches, puis genere un ensemble de plans de marche (122) pour chaque marche. Chaque plan de marche comprend un ensemble modifie d'itineraires du marche. La rentabilite de chaque plan de marche est ensuite determinee (142), et une selection est operee parmi un sous-ensemble de l'ensemble de plans de marche (144) qui optimise la rentabilite globale de l'horaire.

Legal Status (Type, Date, Text)

Publication 20020314 A1 With international search report.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

- ... input schedule identifying all HA legs scheduled for flight, and which may include for each leg an **origination**, a destination, departure and arrival times, and equipment assigned to the leg; (2) a list of new...
- ...if desired, for consideration as entries to the schedule, and which may each include identification of desired **origination**, destination, arrival and departure times, and equipment assigned to the leg (or a group of potential equipment...
- ...the input schedule is read in tam, and if it is determined in step 88 that the **origination** and destination pair of the subject leg is not already on the specified list, then the leg's **origination** and destination pair is added to the list in step 90. Assuming that a leg under consideration...
- ...window. The sequence of steps 86-98 is repeated to allocate to the specified list each unique **origination** and destination pair from the legs of the input schedule, as well as whether a leg serves...
- ...additional legs are automatically generated for all services that are contained in the input schedule that either **start** or **end** at a HA hub station. As used herein, the term, "service," means one or more flights traveling...are the two originally-generated legs 108a and 108b, and the newly generated leg 108c. At the **close** of the leg generation phase, as best seen in FIG. 4, the OHS is I 0 provided...
- ...typically provided for conventional APM operation, including for example: fares offered in each market, demand for each **market**, **time** of **day** curves, and the like; (4) equipment data routinely used by a conventional APM, including by way of...
- ...not) fall between the specified minimum and maximum service frequencies; (7) required markets and legs; and (8) **termination** condition(s), which are discussed below for use in determining the number of iterations to be performed in the improvement phase. 15 At the **conclusion** of the initialization phase, a HA equipment count and block time are obtained in step 120, for...in the art, the APM provides cost, revenue, and demand estimates for subsequent evaluation. In step 148, **termination** conditions are evaluated to see if additional iterations of steps 122, and 142-148 are to be...
- ...above which subsequent computations of step 146 must stay in order to perform subsequent iterations. Additional alternative **termination**

criteria may be employed, as desired. Assuming that additional iterations are to be performed, then the selected...

...IO has the option to change certain desired boundary conditions in step 154. If the scheduler IO **decides** not to relax **boundary** conditions, a new optimized schedule and related statistics are provided at step 152, which are then processed...Input from A-PM Demand for leg I associated with market
plan p. BlockTime(l) Input from **user** or **Time** needed to fly leg 1.
input schedule
Balance(q,s,t) Input from user or Number of...

21/5,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAÎNE D'APPROVISIONNEMENT RESEAUTÉE, ET PROCÉDE ASSOCIÉ

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99444653 19991122; US 99447623 19991122

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DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Detailed Description

Claims

Fulltext Word Count: 156214

English Abstract

French Abstract

Legal Status (Type, Date, Text)

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abstract; title not checked by the International
Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:
Detailed Description

Detailed Description

... Logger (Session Control)

This process or application is critical since it is the "glue" between the end user application and the communications network. It is responsible for collection and distribution of end-user session...the control flow of the

86

Figure 39 illustrates the control flow for the Change Daylight Savings Time command which is the second command for changing time. In Figure 39, after a switch operator enters...trunk connecting an intelligent services network (ISN) platform to a nonnal telecommunication switch. When the current switch reaches step 4016, the current switch knows that it is not an originating switch and that it has...1 101 Vto indicate that the parameter contains the NCID.

byte 1, bits 5-7 Encoding Scheme : Indicates the format of the parameter contents. This field has a binary value of '01 Pto indicate that...point, internet gateways and internet routers come into play.

In terms of architecture, two given networks are connected by a computer that attaches to both of them. Internet gateways and routers provide those links necessary...

21/5,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Detailed Description

Claims

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English Abstract

French Abstract

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abstract; title not checked by the International
Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the "NGN" and "New Core". The market trial provides the entry-exit
criteria, metrics, Key Performance Indicators etc. to assess the
success of the market trial.

Service Launch

Develop, plan and manage the detailed...

21/5,K/11 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-017/22**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

English Abstract

A universal data and software structure and method for an Any-to-Any computing machine in which any number of any components can be related to any number of any other components in a manner that is not intrinsically hierarchical and is intrinsically unlimited. The structure and method includes a Concept Hierarchy; each concept or assembly of concepts is uniquely identified and assigned a number in a Numbers Concept Language or uniquely identified in a Non-numbers Concept Language. Each Component or assembly of Components is intrinsically related to all other data items that contain common or related components.

French Abstract

L'invention concerne une structure de donnees et de logiciel universelle ainsi qu'un procede de machine informatique toute categorie dans laquelle des composants, quels qu'ils soient et quel que soit leur nombre, peuvent etre rattaches a d'autres composants, quels qu'ils soient et quel que soit leur nombre, d'une maniere intrinsequelement non hierarchisee et intrinsequelement illimitee. La structure et le procede comportent une hierarchie conceptuelle; chaque concept ou ensemble de concepts est identifie de maniere unique et recoit un numero dans un langage conceptuel de nombres ou dans un langage conceptuel de non-nombres. Chaque composant ou ensemble de composants est intrinsequelement rattache a tous les autres elements de donnees qui contiennent des composants communs ou associes.

Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be republished upon receipt of that report.

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Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-017/22**

Fulltext Availability:

Claims

Claim

... truths. It simply divides the physical universe this way for its own convenience). To these four categories - **Time**, Space, Energy Matter, can be added the category of 'Life' as word to label the aspects of...an English word 'walked' is decompressed in Concept language to its component 15 meanings - walk & past **time**. Another language may have a single word that decompresses to 'he & walk & past time'. The decompressed concepts...into Meaning Words and Operator Words - Base

Concepts

A useful method of doing this is to be **begin** by isolating and marking those words that take a variety of forms while still retaining something of...addresses.' For example a single person may have many locations at which he is from 1 0 **time** to **time** - one or more work places, one or more homes, places where he does sports, and so on...desirable to describe method for handling coordinates in general, as follows:

5 The description given at the **beginning** of this section on the definitions for spaces etc do not have great consequence to Concept Language...

...way point coordinate can be expressed as an address coordinate, etc.

Further, the Concept Hierarchy of a **specific** type of data does not change either. In

the case of the above examples it is:

Space...the final form of a Concept Language is a Numbers Concept Language and hence whether a coordinate **begins** as a number or **begins** as a written address, it is still stored as a number. 2) If a database is used...

...a day. Hence the number or method to use depends on 1) the person to

whom to **communicate** 2) The person's activity at that time of day governs 3) Their Location. While fixed communication...

...apply that term to a particular shade of blue that they consider exists in New York.'
3) **Time** Data Category Meaning When a place name word has a time meaning, this is generally conveyed by adding a **time** word to the place name
Matter: This New York-like town has streets just the same as...

...achieving this is made during the creation of the Concept Language itself.
Take as example, the word '**terminate**' in the foll

owing order given to a computer
'terminate printing.'What the user wants done is...methods of the Any-to-Any machine, problems of software package integration and data integration do not **arise** as they do in the state of the art today, since all applications built with this Any...

...all data processed by them are built on the same pattern and are intrinsically integrated to **begin** with. Additionally, Any data that is entered or stored in the Any-to-Any machine can be...52 or so Data Components that is listed above as making up 'a letter' is given a **specific** value and that the number appearing opposite that Data Component in the list is used as a...

21/5,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784184 **Image available**

A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200117194 A2-A3 20010308 (WO 0117194)

Application: WO 2000US24114 20000831 (PCT/WO US0024114)

Priority Application: US 99386430 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: **G06F-017/22** ; H04L-029/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 149954

GRADE: A

Claris's ClarisImpact 2.0 for the Macintosh OS is a worthwhile low end draw package with user productivity and ease of use features. The Mac/Windows product has approximately the same feature set as before, but more 'smart' and automated options are provided. Impact 2.0 for the PC is a 32-bit application with a Windows 95-style interface . It includes time-line graphics features that can determine one of three parameters if two are given (for start , duration, and end). Users can create time line images and use the package for basic project management functions; text labels can be added to line connectors , as well. The superb DataDraw tool converts numbers to graphs, charts, and time-line series, and the import module is eminently easy to use. Modifying styles applied to create a presentation is the most challenging and nonintuitive aspect of ClarisImpact 2.0.

PRICE: \$129

COMPANY NAME: Apple Computer Inc (114936)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: Apple Macintosh; Business Graphics; Draw; Graphics Tools; Image Processing; MacOS

REVISION DATE: 20001130

18/5/19

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00060162 DOCUMENT TYPE: Review

PRODUCT NAMES: Meeting Room (490695

TITLE: Eden Moves Meetings On-Line

AUTHOR: Rooney, Paula

SOURCE: PC Week, v11 n1 p31(1) Jan 10, 1994

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Meeting Room, for standalone and networked Windows, helps company divisions and workgroups to schedule meetings and make decisions. The product allows users to perform online meetings from beginning to end , setting up agendas, talking over issues, voting, and assigning work. The easy to use interface and toolbar allows beginners and seasoned computing experts to use icons for performing tasks related to the meeting . According to an oil and gas exploration and production company, the product is easy to use for noncomputer-literate personnel . Real-time mode is supported, or the user can enter the meeting on his or her own schedule, as needed. Meeting Room improves on other groupware solutions with its low price and meeting specific functions, including ranking.

PRICE: \$295

COMPANY NAME: Case Consult Corp (417254)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Conferencing; Decision Support Systems; Groupware; IBM PC & Compatibles; Meetings & Conventions

REVISION DATE: 19970730

English Abstract

A system, method, and article of manufacture provide a fixed format stream-based communication system. A sending fixed format contract on interface code is defined for a sending system. A receiving fixed format contract on interface code is also defined for a receiving system. A message to be sent from the sending system to the receiving system is translated based on the sending fixed format contract. The message is then sent from the sending system and subsequently received by the receiving system. The message received by the receiving system is then translated based on the receiving fixed format contract.

French Abstract

L'invention concerne un systeme, un procede et un article pour systeme de communication a flux de format fixe. Un contrat de format fixe de transmission sur code d'interface est defini pour un systeme de transmission. Un contrat de format fixe de reception sur code d'interface est egalement defini pour un systeme de reception. Un message destine a etre envoye du systeme de transmission au systeme de reception est converti sur la base du contrat de format fixe de transmission. Le message est ensuite transmis depuis le systeme de transmission, puis il est recu par le systeme de reception et converti sur la base du contrat de format fixe.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010816 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020103 Late publication of international search report
Republication 20020103 A3 With international search report.
International Patent Class: **G06F-017/22** ...
Fulltext Availability:

Claims

Claim

... Services and receive status and error information. Transaction Monitor Services, in conjunction with Information Access and **Communication** Services provide for load balancing across processors or machines and location transparency for distributed transaction processing.
Implementation...

...of service calling, if an entire node in a system goes down, clients may be able to **reach** the service they need on another node providing the same service.
190
Will the system be scaled...this feature, a transaction is only committed if two databases have the necessary information. If a problem **arises** on a network connection or a computer, the software will roll the transaction back so it will...

...execution. (e.g., free disk space, monitor resolution, correct version). These services are invoked when an application **begins** processing or when a component is called. Applications can use these services to verify that the correct...other events to control individual computer tasks or processes, and manage memory. They provide services for scheduling, **starting**, stopping, and restarting both client and server tasks (e.g., software agents).
206
Implementation considerations
Memory management...

...typically also external users (e.g., vendors, registered users) and the general public. Usually, different types of **users** have different application security requirements limiting what data they can see and what functions they can execute...support basic preview functions. These include:

Scrolling up and down. Scrolling left and right. Advancing to **end** or **beginning** of report without scrolling through intermediate pages.

9 Advanced Preview Functions: In addition to the basic preview...

21/5,K/13 (Item 13 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00784137

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE
 COLLECTION IN ENVIRONMENT SERVICES PATTERNS
 SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION
 D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT**

Patent Applicant/Assignee:

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 Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150959

English Abstract

A system, method and article of manufacture are provided for detecting an orphaned server context. A collection of outstanding server objects is maintained and a list of contexts is created for each of the outstanding server objects. A compilation of clients who are interested in each of the outstanding server objects are added to the list. Recorded on the list is a duration of time since the clients invoked a method accessing each of the contexts of the outstanding server objects. The list is examined at predetermined intervals for determining whether a predetermined amount of time has passed since each of the objects has been accessed. Contexts that have not been accessed in the predetermined amount of time are selected and information is sent to the clients identifying the contexts that have not been accessed in the predetermined amount of time.

French Abstract

L'invention concerne un systeme, un procede et un article de fabrication permettant de detecter un contexte de serveur a l'abandon. On conserve une collection d'objets de serveur en cours et on cree une liste de contextes pour chaque objet dudit serveur, a laquelle on ajoute une compilation de clients s'interessant a chaque objet de serveur en cours. On enregistre sur la liste une duree a partir du moment ou les clients

lancent un procede permettant d'accéder a chaque contexte des objets de serveur en cours. La liste est examinée a des intervalles predeterminés pour établir si, depuis l'accès auxdits objets, un délai predetermine s'est écoulé ou non. Les contextes auxquels on n'a pas accédé dans le délai predetermine sont sélectionnés et les clients informés de l'identité de ces contextes.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: **G06F-009/44**

Fulltext Availability:

Detailed Description

Detailed Description

... came from an inventory of extensively tested reusable objects, the potential domain from which an error could **originate** is 10% of the program. As a result, OOP enables software developers to build objects out of...

...improved quality of the software as well as an increased speed of its development.

Programming languages are **beginning** to fully support the OOP principles, such as encapsulation, inheritance, polymorphism, and composition-relationship. With the advent...

...objects from the standard classes available in the system. Thus, new capabilities are created without having to **start** from scratch. Polymorphism and multiple inheritance make it possible for different programmers to mix and match characteristics...by the operating system to perform certain tasks, but basically the program executed down the page from **start** to finish, and the programmer was solely responsible for the flow of control. This was appropriate for...

...menus, windows, and dialog boxes and then making these things all work together, programmers using application frameworks **start** with working application code and basic user interface elements in place. Subsequently, they build from there by...be described at a very high level using Figure 2.

Step 1: Analyze 202. The architect must **begin** by listening to and researching the needs of the client. What is the function of the building ...

...frameworks and is described in more detail in the Delivery Vehicle Overview (below).

The following lists are **starting** points for considering the range of components and activities that must be covered by each architectural view ...a completeness check. You cannot build from a framework directly but instead should use it as a **starting** point for understanding and designing.

Frameworks are used to help practitioners understand what components may be required...feasible. Legacy Integration messaging services typically include remote data access through gateways. A database gateway provides an **interface** between the client/server environment and the legacy system. The gateway provides an ability to access and...an appropriate outgoing path, and sending the packet. Switching is performed by routers and switches within the **communications** fabric. Switching can be implemented in the following ways.

For some network protocols (e.g., IP), routers...the report writer process for immediate generation or to the event manager for generation at a specified **time** (report scheduling).

The appropriate application report writer module generates the report, prints it if specified in the...Architecture stage, the project team defines its business capabilities. At this point in the process, one can **begin** to search the business domain for Business Components.

Then again later, during Capability Release Design, when the...
...43 illustrates this Business Component Identifying Methodology 4300 including both Planning and Delivering stages 4302, 4304.

1 . **Start** with entity-centric Business Components. For example, the customer is a significant entity in most business domains...

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00784135

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE
INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE
ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE
SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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2029 Century Park East, Los Angeles, CA 09967-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 2000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-009/46**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151048

English Abstract

A system, method, and article of manufacture are provided for delivering service via a locally addressable interface. A plurality of globally addressable interfaces and a plurality of locally addressable interfaces are provided. Access is allowed to a plurality of different sets of services from each of the globally addressable interfaces and the locally addressable interface. Each interface has a unique set of services associated therewith. The globally addressable interfaces are registered in a naming service for facilitating access thereto. Use of the locally addressable interfaces is permitted only via the globally addressable interfaces or another locally addressable interface.

French Abstract

L'invention concerne un systeme, un procede et un article de production qui mettent en oeuvre une interface adressable localement pour fournir des services. Plusieurs interfaces adressables globalement et plusieurs interfaces adressables localement sont mises en place. L'accès a plusieurs ensembles de services differents est autorise a partir de chacune des interfaces adressables globalement et des interfaces adressables localement. A chaque interface est associe un ensemble unique de services. Les interfaces adressables globalement sont enregistrees dans un service d'affectation de noms pour en faciliter l'accès. L'utilisation des interfaces adressables localement n'est autorisee que si l'on passe par des interfaces adressables globalement ou par une autre interface adressable localement.

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Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... options exist for distributing reports including timed reporting, multiple copy distribution, and report archiving. Also, a user interface function can be built to open and browse report files.

CUSTOM REPORTING APPROACHES

If a commercially-available...the report writer process for immediate generation or to the event manager for generation at a specified time (report scheduling).

The appropriate application report writer module generates the report, prints it if specified in the...support basic preview functions. These include.

Scrolling up and down.

232

Scrolling left and right.

Advancing to end or beginning of report without scrolling through inter-mediate pages.

9. Advanced Preview Functions: In addition to the basic...

21/5,K/15 (Item 15 from file: 349)

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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-009/46**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150947

English Abstract

A system, method, and article of manufacture are provided for affording access to a legacy system. A plurality of components coupled to a client via a component integration architecture are provided for servicing the client. A legacy system is interconnected to the client via the integration architecture using a legacy wrapper. The legacy system and the client are interfaced via the legacy wrapper by communicating with the client by way of a first protocol and by communicating with the legacy system by way of a second protocol.

French Abstract

Cette invention concerne un systeme, un procede et un dispositif donnant acces a un systeme existant. Une pluralite de composants relies a un client via une architecture d'integration de composants est mise a la disposition du client. Un systeme existant est interconnecte via l'architecture d'integration au moyen d'un module d'habillage existant. Le systeme existant et le client sont mis en interface via le module d'habillage existant, la communication avec le client se faisant au moyen d'un premier protocole, celle avec le systeme existant au moyen d'un second protocole.

Legal Status (Type, Date, Text)

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Republication 20020620 A3 With international search report.

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-009/46**

Fulltext Availability:

Detailed Description

Detailed Description

... Product considerations

Is the client interested in stable or emerging technologies?

TUXEDO has been in the TP **marketplace** for seven years and has the most installations of all TP monitors. Encina, TOP END, and CICS...the report writer process for immediate generation or to the event manager for generation at a specified **time** (report scheduling).

The appropriate application report writer module generates the report, phints it if specified in the...or a printer. This costing function might

provide recipients with a rough estimate of the amount of time that distribution might take. Finally, during the online day, the delivery costing mechanism might disallow transmission of...distribution Rinctions. However, this option usually requires the software distribution tool to be loaded first on each **client** machine. Another option is to package the application into ActiveX controls, utilizing the automatic install/update capabilities...a depiction or portrait of the entire business. It's also important to note that although this **begins** the process of defining the application architecture for a set of desired business capabilities, the applicability of...

...name, purpose, knowledge, behavior, and all other intelligence.

In the Business Architecture stage 3604, a project team **begins** to define the application architecture for an organization's business capabilities using Business Components. Business Components model... development process User Interface Components are generally not modeled as process-centric Business Components. Instead, they typically **originate** from the workflow, dialog flow, and/or user interface designs. See Figure 39, which illustrates the flow...

...and packaged systems. Finally, it's important to note that patterns and frameworks are frequently used as **starting** points for designing and building this code.

Engineering Components are physical building blocks used in the assembly
...

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00784126

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
IN ENVIRONMENT SERVICES PATTERNS**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US24086 20000831 (PCT/WO US0024086)

Priority Application: US 99387873 19990831

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DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150318

English Abstract

A system, method and article of manufacture are provided for recording exception handling requirements for maintaining a consistent error handling approach. An exception response table is provided in which an exception is recorded. The context of the exception is entered in the exception response table and a response for the exception is listed in the exception response table. The response is subsequently outputted upon the exception occurring in the context.

French Abstract

L'invention concerne un systeme, un procede et un article de production qui permettent d'enregistrer des exigences de traitement d'exception dans le but de maintenir une approche de traitement d'erreurs coherente. Une table de reponse d'exception est fournie et une exception enregistree dans cette table. Le contexte de l'exception est entre dans la table de reponse d'exception apres quoi une reponse pour l'exception est listee dans la table. Cette reponse est ensuite produite si l'exception apparait dans le contexte.

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Main International Patent Class: **G06F-009/44**

Fulltext Availability:

Detailed Description

Detailed Description

... were only accessible from the Netscape browser. Now, other browsers such as Microsoft's Internet Explorer are **beginning** to support Plug-in technology as well. Also, Plug-ins written for one browser will generally need...in real-time on the Internet without requiring to download the entire audio file before you can **begin** listening, or a video file before you can **begin** viewing. Macromedia Shockwave - a plug-in used to play back complex multimedia documents created using Macromedia Director ...it possible for the user to jump from topic to topic instead of reading the document from **beginning** to end. For many types of applications, this can create a more user-ftiendly interface, enabling the...may vary greatly among middleware products. There are many factors to consider when looking at middleware. To **begin** , middleware products can require extensive consulting and support services just to install. Therefore, understanding the set-up...the time when the throughput, transit delay, or residual error were not those agreed upon at the **start** of the connection connection release delay - time between when one node initiates a release and the other...users on a single server, this service may be provided by the DBMS software with its re- **start** /recovery and integrity capabilities.

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For larger client/server environments distributed on-line transaction managers might be...Product considerations

Is the client interested in stable or emerging technologies?

TUXEDO has been in the TP **marketplace** for seven years and has the most installations of all TP monitors. Encina, TOP END, and CICS...Active Help 2728

Active Help Services enable an application to provide assistance to a user for a **specific** task or set of tasks. Context-sensitive help is most commonly used in applications today, however this...different p 'ects, they all follow the same basic pattern and are briefly explained r0i below.

User **Interface** components typically contain nothing more than the logic required to manipulate input and output to the user...containing information about each report that has been requested for generation,

including.

Requester ID
Report name
Date/ **time** requested
Status (requested, in process, complete, or error)
Report-specific parameters.

The requester ID, report name, and...

...report generation and printing (optional).

Input data blocks specify the following.

Report name
Report parameters
Report generation **time** (default is immediately)
Printer name.

The report name must be one of the defined application report types...

...depending on the report type. Reports may be requested for generation immediately or at a designated future **time**. All reports are written to a reserved area on disk; however, specification of a printer causes the ...support basic preview functions.

These include.

233

Scrolling up and down.

Scrolling left and right.

Advancing to **end** or **beginning** of report without scrolling through intermediate pages.

9. Advanced Preview Functions: In addition to the basic preview...

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00784125

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PIECEMEAL RETRIEVAL IN AN
INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A LA RECHERCHE
FRAGMENTAIRE DANS UN ENVIRONNEMENT DE MODELES DE SERVICES
D'INFORMATIONS

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US24085 20000831 (PCT/WO US0024085)

Priority Application: US 99386433 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150355

English Abstract

A system, method and article of manufacture are provided for providing a warning upon retrieval of objects that are incomplete. An object is provided with at least one missing attribute. Upon receipt of a request from an application for the object access to the attributes of the object is allowed by the application. A warning is provided upon an attempt to access the attribute of the object that is missing.

French Abstract

L'invention concerne un systeme, un procede et un article de fabrication concus pour emettre un avertissement lors de l'extraction d'objets qui sont incomplets. L'objet fourni presente au moins un attribut manquant. Des la reception d'une requete d'une application pour l'objet, ladite application autorise l'accès aux attributs de cet objet. Un avertissement est emis lorsque l'on tente d'accéder a l'attribut manquant de l'objet.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011018 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20011122 Late publication of international search report

Republication 20011122 A3 With international search report.

Main International Patent Class: **G06F-009/44**

Fulltext Availability:

Detailed Description

Detailed Description

... of the Netcentric Architecture Framework.

244

Interface Logic (3302)

Interface logic interprets and maps the actions of **users** into business logic processing activities.

With the assistance of Presentation Services, Interface logic provides the linkage that...development process User Interface Components are generally not modeled as process-centric Business Components. Instead, they typically **originate** from the workflow, dialog flow, and/or user interface designs. See Figure 39, which illustrates the flow...

...and packaged systems. Finally, it's important to note that patterns and frameworks are frequently used as **starting** points for designing and building this code.

Engineering Components are physical building blocks used in the assembly
...

21/5,K/18 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN A COMMUNICATION ENVIRONMENT

SYSTEME, PROCEDURE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY) RAFFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE

COMMUNICATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 149976

English Abstract

A system, method, and article of manufacture are provided for interfacing a naming service and a client with the naming service allowing access to a plurality of different sets of services from a plurality of globally addressable interfaces. The naming service calls for receiving locations of the global addressable interfaces. As a result of the calls, proxies are generated based on the received locations of the global addressable interfaces. The proxies are received in an allocation queue where the proxies are then allocated in a proxy pool. Access to the proxies in the proxy pool is allowed for identifying the location of one of the global addressable interfaces in response to a request received from the client.

French Abstract

L'invention concerne un systeme, un procede et un article permettant d'assurer l'interface entre un service de denomination et un client, le service de denomination donnant acces a plusieurs series de services a partir de plusieurs interfaces globalement adressables. Le service de denomination etablit des appels pour recevoir les emplacements des interfaces globalement adressables. Suite aux appels en question, les elements proxy sont etablis sur la base des emplacements recus pour les interfaces globalement adressables. Ces elements sont recus dans une file d'attente d'affectation puis attribues a un groupe d'elements proxy depuis la file d'attente. L'accès aux elements de ce groupe est autorise pour identifier l'emplacement de l'une des interfaces globalement adressables, en reponse a une demande recue de la part d'un client.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be
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Examination 20010809 Request for preliminary examination prior to end of
19th month from priority date

Search Rpt 20020221 Late publication of international search report

Republication 20020221 A3 With international search report.

Main International Patent Class: G06F-009/46

Fulltext Availability:

Claims

Claim

- ... regulations, contractual obligations, accounting periods, customer service, and sales lead follow-up. Typical workflow goals are shorter **time to market** and quicker response times.
Are multiple people involved in ...What is the nature of the workflow?
How an organization approaches the management of its workflow will **determine** which transaction rates and thousands of documents in which the rules for a certain document can be...
- ...such, the Business Logic includes the control structure that specifies the flow for processing business events and **user** requests. There are many ways in which to organize Business Logic, including: rules-based, object-oriented, components...pattern regardless of the implementation personality. Nowhere has this been more strongly demonstrated than in the Eagle **Starter** Kits. Here, the Eagle Architecture Specification has been documented in patterns and implemented in Visual Basic, Java...framework with the application.
Both the architecture and component model lead application development
318
The need to **start** architecture implementation early is well-understood for traditional or component-based client/server development. What is different...
- ...development, however, is the need for the component model to lead the application and user interface development. **Starting** the component model early is essential to enabling reuse of a consistent, cross-functional set of business...difficult and rework is often required. Thus, design efforts should pay additional attention to the completeness of **interface specifications**.
Architecture development must **start** early
A tension exists between use cases and frameworks
As with client/server, architecture work must **start** early. As noted above, this is particularly challenging because of the level of application reuse in a...
- ...overall framework, prior to developers actually coding; the design must be in place earlier when functional developers **start** detailed design; private architecture aspects may be deferred
Time must be planned for architecture support based upon...
- ...be provided by the application architecture team, technology architecture team, or application team. This problem can be **resolved** by better
320
communication and coordination across teams. Workcells are one approach that has proven effective in this area.
Component-based...
- ...Project management may still be interested in monitoring the progress of high-level milestones such as the **start** and end of design, or the **start** and end of construction.
The micro process may use more granular milestones
On the other hand, the...
- ...other hand, since some components may be reused throughout the application, it is a good idea to **start** them earlier to ...new. Some of the types of prototypes are (These are similar to other definitions):
usability, or user **interface** prototypes
performance prototype
proof-of-concept prototype
pilot process prototype
These categories may be addressed with throw...to give the development and testing teams more stable releases. For example, simple defects such as incorrect **interfaces** can be **detected** before the application is

even distributed.

GUI scripting tools alone are usually not sufficient

334

Capture-playback...s relatively immature, we're better off than we were before. Metaphorically speaking, we've climbed very **close** to the top of the mountain that represents traditional development. The view is satisfactory, but we know...

21/5,K/19 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00781825

SYSTEM OF REUSABLE SOFTWARE PARTS AND METHODS OF USE

SYSTEME D'UNITES LOGICIELLES REUTILISABLES ET PROCEDES D'UTILISATION

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200114959 A2-A3 20010301 (WO 0114959)

Application: WO 2000US22694 20000816 (PCT/WO US0022694)

Priority Application: US 99149371 19990816; US 99149624 19990816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/46**

International Patent Class: **G06F-009/44**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 182432

English Abstract

A system of reusable software parts for designing and constructing software components, applications and entire systems by assembly. Parts for generating events, shaping, distributing and controlling flows of events and other interactions are included. Also included are parts for handling synchronization and desynchronization of events and other interactions between parts, as well as parts for handling properties, parameterizing and serializing components, applications and systems. In addition, innovative adapter parts for interfacing parts that are not designed to work together are included. The system includes a dynamic container for software parts which supports integration of dynamically changing sets of parts into statically defined structures of parts. Other reusable parts for achieving such integration are also included.

French Abstract

L'invention se rapporte a un systeme d'unites logicielles reutilisables permettant la conception et la fabrication de composants logiciels, d'applications et de systemes entiers par assemblage. L'invention se rapporte a des unites destinees a la generation d'evenements, a la mise en forme, la distribution et la regulation de flux d'evenements et autres interactions. L'invention se rapporte egalement a des unites permettant

de gerer la synchronisation et la desynchronisation d'evenements et autres interactions entre des unites, ainsi que des unites permettant de gerer des proprietes, de parametrier et de serialiser des composants, des applications et des systemes. L'invention se rapporte en outre a des unites adaptatrices novatrices destinees a servir d'interface entre des unites qui ne sont pas concues pour travailler ensemble. Ledit systeme comprend un contenant dynamique pour les unites logicielles, qui assure l'integration d'ensembles d'unites changeant dynamiquement au sein de structures d'unites definies de maniere statique. L'invention se rapporte en outre a des unites reutilisables destinees a la mise en oeuvre d'une telle integration.

Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20021107 Late publication of international search report
Republication 20021107 A3 With international search report.

Main International Patent Class: **G06F-009/46**

International Patent Class: **G06F-009/44**

Fulltext Availability:

Detailed Description

Detailed Description

... for

preview through the pview terminal. The dominant connected at the other end, receives this event and **decides** not to distribute it further. For this to happen, the dominant returns CIVIST-CANCELLED or other status... type "UINT32". Note: OxOC

182

Property "ev[01.ev-id" of type "UINT32". Note: EV-LFC-REQ- **START**

Property "ev[01.disc" of type "ASCII". Note: 'fwd-cleanup"

Property "ev[01.cleanup

id" of type...

21/5,K/20 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)

Application: WO 2000US14459 20000524 (PCT/WO US0014459)

Priority Application: US 99320818 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151011

English Abstract

The present invention is provided for comparison shopping by utilizing a customer's profile to prioritize the features of a group of similar, competing products. First, a customer's profile is developed. This profile may be developed from many sources including customer input, customer buying habits, customer income level, customer searching habits, customer profession, customer education level, customer's purpose of the pending sale, customer's shopping habits, etc. Next, the customer selects multiple, similar items, i.e. products or services to compare. Finally, a comparison table is presented which prioritizes the features in accordance with the customer's profile.

French Abstract

La presente invention concerne un achat par comparaison grace a l'utilisation d'un profil consommateur pour etablir des priorites dans les caracteristiques d'un groupe de produits analogues en concurrence. D'abord on elabore un profil consommateur. Ce profil peut etre elabore a partir de plusieurs sources, y compris une entree de donnees du consommateur, les habitudes d'achat du consommateur, le revenu du consommateur, les habitudes de recherche du consommateur, la profession du consommateur, le niveau d'education du consommateur, les attentes du consommateur pour la vente en cours, les habitudes d'achat du consommateur, etc. Ensuite, le consommateur selectionne plusieurs articles analogues, c.-a-d. des produits ou des services afin de les comparer. Enfin, un tableau de comparaison produit etablit des priorites de caracteristiques en fonction du profil du consommateur.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... format description as well as the key data items specified in the data requirements section. Data and **time stamps** should be automatically registered and Incident and Request management staff should have access to display all open...

21/5,K/21 (Item 21 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00737987 **Image available**

GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS

SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200050974 A2-A3 20000831 (WO 0050974)

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Priority Application: US 99258573 19990226; US 2000513601 20000225

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 80968

English Abstract

A system and method of fairly and securely enabling time-constrained competitions over the Internet (190) among millions of competitors compensates for the variable network latencies experienced by client machines (160) used by the competitors. The system employs globally time synchronized Internet information servers and client machines in order to synchronize the initial display of each invitation to respond (e.g. stock price to buy or sell, query to answer, or problem to solve) on a client machine so each competitor can respond to the invitation at substantially the same time, regardless of location, or the type of Internet connection used by the client. By using globally time synchronized client machines (160), each competitor's response is securely time and space stamped at the client machine to ensure that competitor responses are resolved within microsecond accuracy.

French Abstract

La presente invention concerne un systeme et un procede ameliores permettant d'organiser de facon equitable et sure des concours restreints dans le temps entre des millions de participants via Internet, tout en compensant les temps d'attente variables des communications reseau subis par les machines clientes utilisees par les participants. Ce systeme utilise des serveurs d'informations Internet et des machines clientes globalement synchronises dans le temps en vue de synchroniser l'affichage initial de chaque invitation a repondre (par exemple, des titres a acheter ou a vendre, une requete de reponse, ou un probleme a resoudre) sur une machine cliente, de sorte que chaque participant puisse repondre a l'invitation presque au meme moment, quel que soit l'endroit ou il se trouve, ou le type de connexion Internet utilisee par sa machine cliente. De meme, en utilisant des machines clientes globalement synchronisees dans le temps, la reponse de chaque participant est estampillee de facon sure avec l'heure et le lieu par la machine cliente, afin de garantir que les reponses des participants soient traitees avec une precision de l'ordre de la microseconde.

Legal Status (Type, Date, Text)

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Search Rpt 20001207 Late publication of international search report

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Examination 20010705 Request for preliminary examination prior to end of
19th month from priority date
Correction 20020829 Corrected version of Pamphlet: pages 1-151,
description, replaced by new pages 1-130; pages
152-237, claims, replaced by new pages 131-207;
pages 1/101-101/101, drawings, replaced by new pages
1/101-101/101; due to late transmittal by the
receiving Office
Republication 20020829 A3 With international search report.
Main International Patent Class: G06F-017/60
Fulltext Availability:
Claims

Claim

... the
communications supported by the communications network 190 could be
carried out using a variety of different **communications** methods. In
general, each computer or device in the system will establish a
connection or
connections to...some subset of the client machines. Hereinafter, this
instant of time shall be referred to as the **start -time**", analogous to
the "**start -line**" in a race, which is the same for each contestant in
accordance with the principles of...

...of the present invention also includes means for precisely determining
the length
tn
of time between the **start -time** and the instant each contestant submits
its
response which, hereinafter, shall be referred to as the "**finish -time**"
analogous to the "**finish -line**" in the race. Hereinafter, this length of
time, measured between the **start - time** and the **finish - time** , shall
be referred to as the "response- **time** " of the particular contestant or
competitor.
The contest-promoting system and method of the present invention
enables...

...cycle on each client machine is skewed so that a display update
completes exactly at the desired "**start time**" which is determined to be
the same for each every contestant, regardless of their location on...n
addition to the standard I/O and other hardware 220 typically provided o
n a high- **end** network server, such as the SUN Enterprise TM server
running the Solari STM platform, by Sun Microsystems...

...its client
machines 160.
Page 45 of 238
Each contestant interacts with the contest system through a **client**
machine 160. Each contestant uses a single client machine 160 to receive
and view the contest queries display synchronization, as well as for
generating **time - stamps**
associated with various events during the game. The global
synchronization unit 175 is installed in the client machine to provide
precisely **timed** events, traceable to internationally standardized
reference clocks. The GSU 1 7 5 performs decryption operations, **time -**
stamping of **client -machine/contestant** responses, and supports timed
query presentation.
Page 46 of 238
When not actually playing a...These tests could be used to qualify the
client machine to be used
by the contestant, by **determining** whether it **meets** certain
requirements
necessary to successfully participate in the contest. In addition, data
produced as a result of...These tests could be used to qualify the client
machine to be used
by the bidder, by **determining** whether it **meets** certain requirements

necessary to successfully participate in the auction. In addition, data produced as a result of...said tests can be used to qualify the client machine to be used by the contestant, by **determining** whether it **meets** certain requirements necessary to successfully participate in the contest.
(d) recording data produced as a result of...

...fundamentally fair time-constrained contest,
over the Internet, wherein each contestant is provided with a common
66 **start -time**" regardless of the location of his or her client machine on the infrastructure of the Internet...on to the game server, and the establish a communication channel therewith;
(d) transmitting the query and **start -time** from the primary server to the client machine;
(e) characterizing the client machine's local clock...

...clock on the primary server, and synchronizing f the client machine display
update cycle with the desired **start -time** for the contest;
(f) presenting the query to the contestant precisely at the **start -time**, as determined by a local clock that is characterized with respect to a global master clock located on the primary server;
(g) accepting the contestants response, attaching a **time - stamp** to that response, and transmitting the response and **time - stamp** to the servers;
(h) judging the responses from all the contestants and determining the winner.
180. The...

...assigning a contestant ID to the new contestant, said ID code uniquely identifying the contestant for all **time** , unlike a **username** , password, e-mail

Page 190 of 238

player/contestant;

recording the contestant ID in the contestant database...for the client machine by the login server.

191. A method of downloading an encrypted query and **start - time** to the **client** machine comprising the steps of:

(a) human operators entering the questions and associated answers relating to a particular contest into the query/answer database;
(b) at some point before the contest **begins** , the game server sends to the primary server, a message containing its public encryption key.
(c) primary...

...queries from the database to be used in the contest;

(e) for each query, assigning a desired **start -time**;
(f) for each query and **start -time**, the primary server generates a unique set of query encryption and decryption keys;
(g) using the...

...the primary server creates a message containing the encrypted query, the query decryption key, and the desired **start -time**;
(i) the entire message is encrypted using the game server's public encryption key;
0) entire...

...is sent to the client machine;

Page 194 of 238

encrypted query contained within, along with the **start - time** on the **client** machine;

(n) the client machine creates and **begins** appending data to a security verification log file, and the resulting encrypted file will contain a variety...

...the steps of:
 adjusting the display refresh cycle such that a cycle completes precisely at the desired **start** -time;
 measuring the video refresh rate of the video display adapter in the client machine, wherein said...

...determining the difference
 between the time the last line of the displayed image is drawn and the **beginning** of the next vertical retrace;
 using this calculated period and phase, extrapolating the display times forward in time to find the display time closest to the desired **start** -time;
 calculating the error (Ed) between the display time (td) and the desired local clock **start** time (t,I);
 throughout this process, appending the times associated with each vertical retrace to the security...93. A method of presenting an encrypted query to a GSU-enabled client machine at a contest **start** -time associated with a contest-promoting system, wherein the encrypted query and **start** -time have been stored on the GSU enabled client machine, and the display time has been aligned with the contest **start** -time, said method comprising the steps of:
 (a) the GSU-enabled client machine uploads the encrypted query and **start** time to the GSU within the GSU-enabled client machine, said GSU enabled client machine having video memory and a display;
 (b) a short time prior to the desired **start** -time, the GSU decrypts the query, and then said query is downloaded to the GSU-enabled client machine...

...client machine display draws the query onto the screen, reaching the bottom of the display at the **start** -time for the contest; and
 (f) the GSU-enabled client machine records the local time at the moment the vertical retrace **begins**, which should be simultaneous with the desired **start** -time.
 194. The method of claim 193, which further comprises:
 (g) the local time is also stored...

...195. A method for presenting an encrypted query to a GSU-enabled client machine at a contest **start** -time associated with a contest-promoting system, wherein the encrypted query and the contest **start** -time have been stored on the GSU-enabled client machine, said method comprising the steps of:
 (a) the client machine uploads the encrypted query and **start** time to the GSU of said GSU-enabled client machine, said GSU-enabled client machine having a display and the GSU having display memory;
 (b) the GSU decrypts the encrypted query immediately prior to the contest **start** -time;
 (c) the decrypted query is then rendered by the GSU onto said display memory; an d...time-stamp to a security verification log;
 (e) upon receipt of the response submission, after recording the **time stamp**, the **client** machine calculating a hash or CRC (cyclic redundancy check) value using the contestant's response and the local **time - stamp**;
 (f) appending the hash value to the security verification log;
 (g) the **time**, from the **client** machine to the contest server; and
 (h) the contest server requests the actual (i.e. full) response...

...of claim 201, which further comprises:
 (i) if requested, the client machine encrypts the response, the response **time - stamp**, and a hash-value of the security verification log to create a message; and
 (f) message is...

...responses with the correct answers in the database;

(b) of those responses containing correct answers, comparing the **time - stamps** to rank the responses from fastest to slowest;

(c) encrypting the sorted preliminary results using the primary...

...wherein said actions comprise events selected from the group consisting of the display of an image, the **start** of a video or audio clip, the decryption of data, and the running of a program...

...a host client machine.

207. A global synchronization unit (GSU) comprising:
means for generating secure and verifiable **time -space stamp** records of client-machine inputs and any other events captured by devices attached or otherwise connected to...

...of patterns of inputs on a number of different inputs.

209. The GSU of claim 207, wherein the **time -space stamp** record generated by the GSU includes the location, exact time (e.g. to within microsecond).

210. The GSU of...

...data to be verified in the future to insure that it has not been altered since the **time /space stamp** was generated.

212. The GSU of claim 207, wherein said **time -space stamp** record has an associated CRC value or digital signature to insure that the **time -space stamp** record itself is genuine and unmodified.

Page 202 of 238

. A global synchronization unit (GSU) comprising:
means...

...performing actions in response to precise time and space conditions; and
means for generating secure and verifiable **time** and space- **stamped** records of client-machine inputs and any other events captured by devices ...travelling. 217. The method of claim 216, wherein step (a) comprises configuring said GSU through said client computer **interface** to perform a **specific** action when those conditions are satisfied.

218. AGSU device comprising:

Page 203 of 238

element;
circuitry for forming a data package including said **time** and space **stamp** and said input data element; and
circuitry for digitally signing said data package to produce a digitally ...

...data package.

219. The GSU device of claim 218, which further comprises circuitry for authenticating that **time** and space **stamp** contained within said digitally data package, has not been modified since said **time** and space **stamp** was generated. 220. The GSU device of claim 218, wherein said input data is data selected from the...in a bidding process, said auction server having a local clock and a GPS receiver for producing **time - stamps** referenced to a master clock, and
each said client machine having a display device for displaying bid information, an input device for inputting bid information, and a GPS receiver for producing **time - stamps** referenced to said master clock, for application to information including bids input to said client machine, said...

...encrypted bid
information for substantially simultaneous display on each said client
machine at a predetermined globally-referenced **start** -time.
232. The Internet-based method of claim 231, which further comprises:
(b) ascertaining at each said client machine, the locally-referenced
start -time of the bid process expressed in terms of the local clock at
said
client machine
233...

...each said client machine, aligning the display time of the
encrypted bid information with said locally-referenced **start** -time.
Page 207 of 238
(d) at said predetermined globally-referenced **start** -time, said auction
server starts the bidding process for the item to be auctioned, by
enabling the...

...further comprises:
(e) said auction server accepting bids from said client machines for
the item that are **time - stamped** after t_1 .
236. The Internet-based method of claim 235, which further comprises:
(f) each said client machine competing in the bidding process, sending
a bid for the item to said auction server and **time - stamping** the **time**
of
transmission of the bid using said local clock at said auction server
which has been characterized...

...each said client machine
competing in the bidding process and sending a bid at step (f) and
timestamping the time of receipt of the bid using said local clock at
said auction server which has...

...each said client machine competing
in the bidding process, a confirmation of the bid receipt containing the
timestamps applied at both the time of transmission and the time of
receipt of the bid.
239. The...

...and
(m) said auction server waiting z seconds for receipt of any bids from
any of said **client** machines, **time - stamped** prior to $t_4 = Y$ seconds.
241. The Internet-based method of claim 231, which further...

...Internet-based system comprising:
an auction server having a local clock and a GPS receiver for
producing **time - stamps** referenced to a master clock; and
a plurality of client machines, each said client machine being assigned
...

...for displaying bid information, an input
device for inputting bid information, and a GPS receiver for producing
time
stamps referenced to said master clock, for application to information
including bids input to said client machine. 246...encrypted bid
information for substantially simultaneous display on each said client
machine at a predetermined globally-referenced **start** -time. 247. The
Internet-based system of claim 246, wherein said computer
administered auction process further comprises:
(b) ascertaining at each said client machine, the locally-referenced
start -time of the bid process expressed in terms of the local clock at
said
client machine
Page...

...each said client machine, aligning the display time of the
encrypted bid information with said locally-referenced **start** -time. 249.

The Internet-based system of claim 248, wherein said computer administrated auction process further comprises:

(d) at said predetermined globally-referenced **start** -time, said auction server starts the bidding process for the item to be auctioned, by enabling the...

...further comprises:

(e) said auction server accepting bids from said client machines for the item that are **time - stamped** after t_i . 251. The Internet-based system of claim 250, wherein said computer administrated auction process further...

...machine competing in the bidding process, sending a bid for the item to said auction server and **time - stamping** the time of transmission of the bid using said local clock at said auction server which has been characterized...

...each said client machine competing in the bidding process and sending a bid at step (f) and **timestamping** the time of receipt of the bid using said local clock at said auction server which has...

...and (m) said auction server waiting z seconds for receipt of any bids from any of said **client** machines, **time - stamped** prior to $t_4 = Y$ seconds. 256. The Internet-based system of claim 255, wherein said computer administrated...

...in a trading process, said trading server having a local clock and a GPS receiver for producing **time - stamps** referenced to a master clock, and each said client machine having a display device for displaying price...

...property, an indication to buy or sell, and a price offer), and a GPS receiver for producing **time - stamps** referenced to said master clock, for

Page 213 of 238

client machine, said Internet-based method comprising...

...to trade information for substantially simultaneous display on each said client machine at a predetermined globally-referenced **start** -time. 261. The Internet-based method of claim 260, which further comprises: (b) ascertaining at each said client machine, the locally-referenced **start** -time of the trading process expressed in terms of the local ... client machine, aligning the display time of the encrypted offer to trade information with said locally-referenced **start** -time.

263. The Internet-based method of claim 262, which further comprises: (d) at said predetermined globally-referenced **start** -time, said trading server starts the trading process for the property being offered for trading, by enabling...

...e) said trading server accepting offer to trade from said client machines for the item that are **time - stamped** after t_j . 265. The Internet-based method of claim 264, which further comprises: (f) each said client...

...the trading process, sending a offer for trade an item of property to said trading server and **timestamping** the time of transmission of the offer for trade using said local
Page 214 of 238
said...

...client machine competing in the trading process and sending a offer for trade at step (f) and **time - stamping** the **time** of receipt of the offer for trade using said local clock at said trading server which has ...

...client machine competing
in the trading process, a confirmation of the offer for trade receipt containing the **time - stamps** applied at both the time of transmission and the time of receipt of the offer for trade...

21/5,K/22 (Item 22 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00568885 **Image available**

**A METHOD AND A SYSTEM FOR ASSISTING A USER IN A MEDICAL SELF TREATMENT, SAID SELF TREATMENT COMPRISING A PLURALITY OF ACTIONS
PROCEDE ET SYSTEME PERMETTANT A UN UTILISATEUR DE S'ADMINISTRER SEUL SON TRAITEMENT MEDICAL, LEDIT TRAITEMENT MEDICAL COMPRENANT PLUSIEURS ACTES**

Patent Applicant/Assignee:

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AASMUL Sphiren,
POULSEN Jens Ulrik,
CHRISTENSEN Lars Hofmann,

Inventor(s):

AASMUL Sphiren,
POULSEN Jens Ulrik,
CHRISTENSEN Lars Hofmann,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200032258 A1 20000608 (WO 0032258)

Application: WO 99DK670 19991130 (PCT/WO DK9900670)

Priority Application: DK 981578 19981130; US 98111721 19981209

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DE DE DK DK DM EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW
SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: A61M-005/00

International Patent Class: A61B-005/00; **G06F-019/00** ; G11C-011/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10401

English Abstract

This invention relates to a method of assisting a user in a medical self treatment, said self treatment comprising a plurality of actions, said method comprising the steps of collecting in a one or more databases data representing values of parameters relevant for said self treatment, and the step of processing said one or more databases to provide for alternative choices between two or more actions and a corresponding value for each two or more actions. The invention also relates to a computer system having means for performing the method according to the invention, and a computer readable medium having a program recorded thereon, where the program when executed is to make the computer execute the method according to the invention.

French Abstract

L'invention concerne un procede qui permet a un utilisateur de s'administrer seul son traitement medical, ledit traitement comprenant plusieurs actes. Ledit procede comprend les etapes suivantes: recueillir, dans au moins une base de donnees, les donnees representant les valeurs des parametres correspondant audit traitement, et traiter ladite base de donnees de facon a pouvoir choisir entre au moins deux actes et une

valeur correspondante pour au moins chaque deux actes. L'invention concerne également un système informatique capable d'exécuter ledit procédé, ainsi qu'un support lisible par ordinateur sur lequel est enregistré un programme. Ce dernier, une fois mis en oeuvre, permet à l'ordinateur d'exécuter le procédé selon l'invention.

...International Patent Class: G06F-019/00

Fulltext Availability:

Claims

Claim

... In step 105 information of time is provided from a system clock in the form of a **time stamp**. Additionally the **date** may be specified as well.

SUBOTME SHEET (RULE 26)

It is necessary for the method to know the time because the alternative proposals available to the **user** change over **time**.

The information provided/updated in the steps 102 - 105 is collected in a database as a dataset...system is accessed by the user. If this is not the case, the method continues from the **beginning** in step 101 and awaits new is and/or updated input since the present situation does not...user input, so it is possible to scroll through the values for different points in time.

This **specific** form of user **interface** requires a display of a certain quality or with a certain resolution. other more simple forms may...

...columns having a specified value are shown in the user interface e.g. with a corresponding **time stamp**. The columns 223 represent previous and later user input, 5 so it is possible to scroll through...more of the following parameters

BGLI

dosage of medication,

* type of medication,

food intake,

drinks intake,

exercise,

time stamp,

insulin sensitivity

SUBSTIT= SHEET (RULE 26)

weight of the user,

blood pressure,

temperature, and

other.

The model...

...the continuous tuning by input of updated data from the expert system a drift away from a **close** mimic of the true status is prevented. The structure of the model 400 matches the functionalities of...and the value is very important to the user and can be displayed at any time.

Every **time** the **user** makes a measurement of the actual BGL this is automatically loaded into the model by the system...test strip 52 can then be inserted via the means 34 into the EGM 30, which will **start** analysing the blood sample and, after completion of the analysis, will show the result in the display...

21/5,K/23 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00492193 **Image available**

SYSTEM FOR EDITING GRAPHICAL DATA BASED UPON RELATIVE TIME OF ENTRY
SYSTEME D'EDITION DE DONNEES GRAPHIQUES EN FONCTION DE L'HEURE RELATIVE DE SAISIE

Patent Applicant/Assignee:

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Inventor(s):

SIEGEL Polly S K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9923545 A1 19990514

Application: WO 98US22874 19981028 (PCT/WO US9822874)

Priority Application: US 97962489 19971031

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Main International Patent Class: **G06F-003/033**

International Patent Class: **G06F-017/24**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11490

English Abstract

This disclosure provides a system for editing graphical data based upon relative time of entry, and in particular, provides editing software used with an electronic digitizing clipboard. A stylus of the clipboard is used to write on pages, with a digitizer underneath the pages generating an electronic record of entered marks for storage and later recreation of the pages. The electronic record represents both stylus spatial coordinates, normally sampled every ten milliseconds, and certain user commands such as page identification, inserted at significant locations within the aggregate data stream. Data in the stream is associated with prior page identification commands, such that subsequent data may be cut or sorted based upon timing of that data relative to the page identification commands. In this manner, the remote editor, and splicing software on the editor, may distinguish data based upon time of entry, and move that data notwithstanding any spatial overlap with other stylus data.

French Abstract

La presente invention concerne un systeme permettant l'edition de donnees graphiques en fonction d'une heure relative de saisie. L'invention concerne plus particulierement un logiciel d'edition s'utilisant avec un systeme de bloc-notes electronique numerique. L'ecriture sur les pages se fait au moyen d'un stylet attenat au systeme bloc-notes, un numeriseur situe en dessous des pages generant un enregistrement electronique des marques saisies afin d'un stockage et d'une restitution ulterieure des pages. L'enregistrement electronique represente non seulement les coordonnees spatiales du stylet echantillonnees au centieme de seconde, mais egalement certaines commandes utilisateur telles que l'identification de page, toutes informations inserees en des emplacements significatifs a l'interieur de l'ensemble du train de donnees. Les donnees du train sont associees a des commandes preexistantes d'identification de page, de facon que les donnees ulterieures peuvent etre coupees ou trieess en fonction de l'heure de ces donnees par rapport aux commandes d'identification de page. De cette facon, l'editeur a distance, ainsi que le logiciel de collage de l'editeur, est capable de distinguer les donnees en fonction de l'heure de saisie, et de deplacer ces donnees nonobstant les chevauchements spatiaux avec d'autres donnees de stylet.

Main International Patent Class: **G06F-003/033**

International Patent Class: **G06F-017/24**

Fulltext Availability:

Claims

Claim

... automatically merge

entered data with previously entered data for the same

page or form; a user can **start** filling out a form during

one clipboard session, upload data to the remote computer, and then complete...of a command automatically generated and inserted directly into the data stream by the clipboard is a **time stamp**, which can be inserted into the data stream with each new stylus "stroke" (e.g., each time "pressure" on the writing tip indicates new **contact** between the stylus and a page); a **time stamp** could also be generated by a clipboard central processing unit ("CPU") with each sampling of stylus data...

...and

form type definition to the active forms list). If the user is manually utilizing the user **interface** 25 to **signify** addition of a new page ...interface 25 selecting or creating pages are executed (and inserted into the stylus, data stream) at the **time** that the user presses the "enter" key. Specific commands selected by the user are not the only type of commands...

...whichever selection is displayed upon the LCD. Having thus selected general form "type," the user preferably then **begins** another menu selection process, where the user can select either an existing "instance" 49 (e.g., a previously **commenced** form already having data) or a new instance 51 (uncommenced, blank form). Upon selecting a new instance...

...entered onto forms are not electronically displayed to the user, nor is stylus data from a previously **commenced** form instance necessarily stored in the clipboard's internal memory. Rather, each time a page is newly...the remote computer, or via selective use of the user interface).

For example, when a user initially **begins** a new form instance, data entered for the new form instance SUBSTITUTE SHEET (RULE 26) will be...

...FIG. 3 shows the stylus 15 and paper supporting surface 23 (which includes the digitizer), the user **interface** 25, several boxes **indicating** CPU and support chip processing functions, and memory used by the clipboard, generally designated by the reference...serial communications port for communications with the remote computer (indicated by reference numeral 73). The preferred user **interface** is **indicated** in FIG. 3 by the reference numeral 25. A LCD 75 is used to display individual menu...

...where it can receive both software commands and programming relating to definition of form types. At the **time** a user creates a new form instance, the CPU assigns an index to each page of a form, which...

...number of underlying pages between the paper supporting surface and the form being written upon by the user. Each **time** the writing tip 19 is newly depressed, the clipboard's CPU samples a real time clock 83...

...when the user places the writing tip in contact SUBSTITUTE SHEET (RULE 26) with an object, thus **closing** a switch in the stylus which triggers an interrupt signal within the CPU. This interrupt signal causes the CPU to empower clipboard electronics and **begin** actively "listening" ...stylus data,

it compresses that data as appropriate, as indicated by block 87 in FIG. 3.

Each **time** a **user** selects a page (or creates a new page or form) using the user interface, the CPU uses...been deleted in

SUBSTITUTE SHEET (RULE 26)

contiguous memory blocks (typically 128 K bytes), either at the **beginning** or **end** of the clipboard's data memory space. Unless sufficient memory space is available either at the **beginning** or **end** of the clipboard's data memory space, the clipboard's user **interface** **indicates** that memory is full, and data must be uploaded prior to acceptance of additional data. Importantly, a...upload to the remote computer. Preferably, an acknowledgment from the remote computer is required before upload can **begin** and, following upload, data which has been successfully uploaded to the remote computer is automatically erased from...

21/5,K/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00418748 **Image available**

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES

Patent Applicant/Assignee:

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Inventor(s):

GINTER Karl L,
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SIBERT W Olin,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

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Priority Application: US 96706206 19960830

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FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-001/00**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 195626

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other

operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

La presente invention concerne des systemes et des procedes de commerce electronique comprenant une gestion de transactions securisees et la protection de droits electroniques. Des appareils electroniques tels que des ordinateurs utilises conformement a la presente invention contribuent a assurer que l'accès aux informations et l'utilisation des informations ne se font que par des voies autorisees et ils maintiennent l'integrite, la disponibilite et/ou la confidentialite des informations. Des sous-systemes securises utilises avec ces appareils electroniques constituent un environnement de distribution virtuel (VDE) reparti pouvant faire valoir une chaine securisee de traitement et de commande, par exemple, pour commander et/ou mesurer ou encore controler l'utilisation d'informations memorisees ou disseminees electroniquement. Cet environnement de distribution virtuel peut etre utilise pour proteger les droits de divers participants dans le commerce electronique et dans d'autres transactions electroniques ou dans lesquelles intervient l'electronique. Des environnements et des architectures de systemes repartis securises et autres systemes d'exploitation emploient, par exemple, des arrangements de traitement a semi-conducteurs securises pouvant etabli des environnements proteges securises a chaque noeud. On peut utiliser ces techniques pour apporter un soutien a une capacite de distribution d'informations electroniques de bout-en-bout pouvant etre utilisees, par exemple, en empruntant l'"autoroute electronique".

Main International Patent Class: **G06F-001/00**

21/5,K/25 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00376923

STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION

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Patent and Priority Information (Country, Number, Date):

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GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:21**

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 263802

English Abstract

A hypertexted data structure (3/16) stored on a computer readable memory device and organized in a hierarchy of at least two levels, the data structure comprising: a plurality of data units (18-20) positioned at different levels in the hierarchy each containing at least some textual information (23) and a plurality of hypertext links (1) each linking at least part of the textual information in a given source data unit to a target data unit; wherein at least one of the hypertext links (1) is linked to at least one hypertext node (34) which contains information relating at least to both the given source data unit and the target data unit from which the relative positions in the hierarchy of the given source and target data units linked by the hypertext link may be determined.

French Abstract

La presente invention concerne une structure de donnees en format hypertexte (3/16) stockees dans une memoire lisible par ordinateur et organisee selon une hierarchie comportant au moins deux niveaux. Cette structure de donnees est constituee, d'une part de plusieurs unites de donnees (18-20) se placant a differents niveaux de la hierarchie, chacune de ces unites de donnees contenant au moins quelques donnees textuelles (23), et d'autre part, d'un jeu de liens hypertexte (1), chacun de ces liens reliant au moins une partie de l'information textuelle d'une unite de donnees origine specifique a une unite de donnees cible. L'un au moins des liens hypertexte (1) est relie a l'un au moins des noeuds hypertexte (34) qui contient des donnees se rapportant au moins a la fois a l'unite de donnees origine specifique et a l'unite de donnees cible a partir de laquelle il est possible de determiner des positions relatives dans la hierarchie. Ces positions relatives sont celles des unites de donnees origine et cible reliees par le lien hypertexte.

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:21**

Fulltext Availability:

Detailed Description

Detailed Description

```
... Sub See -PersonaiNotesOnly Text22 = Text,22 +
  'This subroutine is called in one place
  PersonNotesForThisScreenid("UserNa
  when the specific checkbox for me") & SPACEVALUE
  I personal-notes-only is clicked Text22 = Text22 +
  (check.2) and the value...number
  occ I = occ2 'HOWEVER, I would then
  I no need to blank and defrag need to start sorting all the lists
  - these were done ' according to paragraph ID
  'by FillDataListWith rather than Screen ID...
```

21/5,K/26 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00348333 **Image available**

**AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS**

**PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE**

Patent Applicant/Assignee:

NAVISOFI INC,

Inventor(s):

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WILLIAMS George W V,
LONG Dave,
MCKEE Douglas M,
DAVIDSON James G,

BRADY Karen,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9630846 A1 19961003
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Priority Application: US 95412981 19950328
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
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Claims
Fulltext Word Count: 177634

English Abstract

The present invention addresses the critical needs of publishers seeking to create and publish hypermedia content in electronic form across wide area networks ("WAN's") such as the World Wide Web. Toward this end, a client-server development platform is provided for handling the important functions of document authoring, content-based indexing and retrieval of documents, management and control of proprietary assets, and support for developing form-driven interactive services, all in a manner that is uniquely and seamlessly WAN-integrated.

French Abstract

Le systeme selon l'invention repond aux besoins cruciaux des editeurs desireux de creer et de publier le contenu d'hypermedia sous forme electronique dans des reseaux longue portee tels que le reseau WWW (World Wide Web). Pour ce faire, une plate-forme de developpement de serveur/client est produite pour gerer les fonctions importantes de creation de documents, indexation basee sur le contenu et d'extraction de documents, de gestion et de controle des actifs prives, et de support pour le developpement de services interactifs a base de masque, l'ensemble de maniere integree, de maniere unique et transparente aux reseaux a longue portee.

Main International Patent Class: **G06F-017/30**

Fulltext Availability:
Detailed Description

Detailed Description

... the present invention. At step 140, a developer user begins the process of setting up a new **interactive** service by using client computer 20d to create a new database table for the service, preferably using...

...illustrated in Figure 10a, each one of data fields 162a-n preferably may be associated with various **specifications** such as a required data type, and whether or not database entries in the table will be...System Tables

create table ns
-permissions
permission
method text not null,
permission
url text not null,
permission- **user** text references ns
users,
permission
group text references ns-groups,
permission-user-ok boolean not null,
permission...

00344642

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY
KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-001/00**

International Patent Class: **G06F-17:60**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 207972

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

Systemes et procedes destines au domaine du commerce electronique, et notamment a la gestion securisee des transactions et a la protection electronique des droits. Les appareils electroniques tels que les ordinateurs utilises conformement a la presente invention permettent d'assurer que les informations ne sont consultees et exploitees que de maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou le caractere confidentiel des informations. Les sous-systemes securises utilises en association avec de tels appareils electroniques constituent un environnement de distribution virtuel distribue (VDE) apte a imposer une chaine securisee de traitement et de commande, par exemple pour la commande et/ou la mesure ou encore le controle de l'utilisation d'informations stockees ou diffusees electroniquement. Cet environnement de distribution virtuel peut servir a proteger les droits de differents individus impliques dans le commerce electronique et dans d'autres

transactions électroniques ou assistees par des moyens électroniques. On a egalement prevu des environnements et architectures de systeme d'exploitation distribues, securises et autres mettant en oeuvre, par exemple, des ensembles de traitement securise a semi-conducteurs pouvant etablir des environnements securises et proteges au niveau de chaque noeud. Ces techniques peuvent servir de soutien pour une fonction electronique de distribution d'informations de bout en bout, cette fonction etant utilisable, par exemple, dans le domaine de l'"autoroute electronique".

Main International Patent Class: **G06F-001/00**

International Patent Class: **G06F-17:60**

Fulltext Availability:

Detailed Description

Detailed Description

... may independently distribute control information over very low bandwidth connections that may or may not be "real time" connections. ROS 602 provided by the preferred embodiment is 'network hiendly,' and can be implemented with any...

21/5,K/28 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00340063 **Image available**

CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS

SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9622575 A1 19960725

Application: WO 96US883 19960117 (PCT/WO US9600883)

Priority Application: US 95373688 19950117; US 95373992 19950117

Designated States: CA JP US US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: **G06F-019/00**

International Patent Class: **G06F-09:44**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 135683

English Abstract

This invention describes a computer-based system (112), methods and visual interfaces for providing an integrated development and deployment framework for visual modeling and dynamic simulation of virtual models of complex systems, which can be further integrated with monitoring (108) and control (138) devices to monitor and control the operation of the complex systems modeled (102) and can be used for information retrieval. More particularly, the virtual models in the present invention relate to visual models of biochemical complex systems, comprising sets of icons representing processes and their participants linked into multidimensional pathways (116), further organized in a hierarchy of icons representing discrete time and space compartments, wherein such compartments may contain other compartments, and wherein those modular icons encapsulate in different layers all the information, data, and mathematical models that characterize and define each virtual model.

French Abstract

L'invention porte sur un systeme informatique (112), sur un procede et

sur des interfaces représentant un cadre de développement et de
déploiement pour le modelage visuel et la simulation dynamique de modèles
virtuels de systèmes complexes pouvant ensuite être intégrés à des
dispositifs de contrôle (108) et de commande (138) d'exploitation des
systèmes complexes ainsi modèles (102) et peuvent être utilisés pour la
recherche d'informations. Les modèles virtuels de la présente invention
peuvent se rapporter à des modèles visuels de systèmes de complexes
biochimiques comprenant des ensembles d'icônes représentant des processus
et leurs participants liés par des chemins pluridimensionnels (116) qui
sont ensuite organisés selon une hiérarchie d'icônes représentant des
compartiments discrets dans le temps et dans l'espace, lesdits
compartiments pouvant en contenir d'autres et lesdites icônes modulaires
pouvant englober dans différentes couches toutes les informations,
données et modèles mathématiques caractérisant et définissant chacun des
modèles virtuels.

Main International Patent Class: **G06F-019/00**

International Patent Class: **G06F-09:44**

Fulltext Availability:

Detailed Description

Detailed Description

... bioPtx)1 of celis, moleculie-@, or molecular complexes, in a particular
state, as a continuous function of **time**, and on specific coefficients
or on rate constants that, in conjunction with the current values of
those...After the connection it; made, these connections are made
invisible b
r either a rule at run- **time** or by a procedure invoked at initialization
nrilf-, The class BioPost (Table 39) is a subclass of...o represent the
different terms of the following equations. which are then transferred
to the appropriate compartments, **connected** and configured, and desired
values are given to the model parameters. Tile following equations have
to he...

21/5,K/29 (Item 29 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00234265 **Image available**

**SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND
DECISION-MAKING MICROPROCESSOR INTERFACING**
**SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE
AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE
DECISION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9308524 A1 19930429

Application: WO 92US8954 19921014 (PCT/WO US9208954)

Priority Application: US 91776161 19911015

Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Main International Patent Class: **G06F-009/00**

International Patent Class: **G06F-09:40**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 219172

English Abstract

Architectures and methods are provided for efficiently dividing a

processing task into tasks for a programmable real time signal processor (SPROC) (10) and tasks for a decision-making microprocessor (2120). The SPROC is provided with a non-interrupt structure where data flow is through a multiported central memory. The SPROC is also programmed in an environment which requires nothing more than graphic entry of a block diagram of the user's design. In automatically implementing the block diagram into silicon, the SPROC programming/development environment accounts for and provides software connection and interfaces with a host microprocessor (2120). The programming environment preferably includes: a high-level computer screen entry system which permits choosing, entry, parameterization, and connection of a plurality of functional blocks; a functional block cell library (2015) which provides source code representing the functional blocks; and a signal processor scheduler/compiler (2040) which uses the functional block cell library (2015) and the information entered into the high-level entry system to compile a program and to output source program code for a program memory and source data code for the data memory of the SPROC, as well as a symbol table which provides a memory map which maps SPROC addresses to variable names which the microprocessor (2120) will refer to in separately compiling its program.

French Abstract

On decrit des architectures et procedes qui permettent de separer efficacement une tache de traitement en taches destinees a un processeur de signaux programmable fonctionnant en temps reel (SPROC) (10) et a un microprocesseur de prise de decision (2120). Le SPROC est dote d'une structure depourvue d'interruption ou le flux de donnees arrive par l'intermediaire d'une memoire centrale a ports multiples. Il est aussi programme dans un environnement n'exigeant rien d'autre que l'introduction graphique d'un schema global relatif aux intentions de l'utilisateur. Avec la realisation automatique du schema global dans le silicium, l'environnement de programmation et de developpement du SPROC prend en compte et fournit la connexion au logiciel et realise une interface avec un microprocesseur hote (2120). Cet environnement de programmation comporte de preference un systeme d'introduction a ecran d'affichage perfectionne qui permet de choisir, introduire, parametriser et fournit une connexion avec differents blocs fonctionnels; une bibliotheque a cellules de bloc fonctionnel (2015) qui fournit un code source representant les blocs fonctionnels; et un programmeur/compilateur pour processeur de signal (2040). Ce dernier utilise la bibliotheque a cellules (2015) et l'information introduite dans le systeme d'introduction perfectionne pour compiler un programme et delivrer en sortie un code de programme source concernant une memoire du programme et un code de donnees source destine a la memoire de donnees du SPROC, ainsi qu'une table de symboles qui fournit une cartographie memorisee, contenant les adresses donnees par le SPROC aux differents noms auxquels le microprocesseur (2120) viendra se referer en compilant separement son propre programme.

Main International Patent Class: G06F-009/00

International Patent Class: G06F-09:40

Fulltext Availability:

Claims

Claim

... as an offset to the base indexed register (register B) plus the loop register (register L) to determine the data memory address. fi-ame indexed [F + xxx] Use the 15-bit operand as an offset... can be obtained by reference to US, Patent #4,796,179 to Lehman et al. which provides time zones ...are inserted at every sample period's worth of code to keep the GSPs properly staggered in time. By computing and using maximum and minimum durations rather than a maximum duration and an assumed minimum...described and illustrated herein architectures and methods for dividing processing tasks into tasks for a programmable real time signal processor and tasks for a decisionmaking microprocessor interfacing with the real time signal processor. While

```

particular...to 256.1
variable integer ptr = outvector1;
micro variable outvector1[%length];
micro variable outvector2[%length];
duration 10;

```

```

begin
lda ptr
cmp #outvector1+%length-1
SUBSTITUTE SHEET
igt DONE
ldb ptr
ldx ina store the inputs...length;
variable integer ptr--outvector1;
micro variable outvector1[-%length];
micro variable outvector2[t*length],*
duration 4+13;

```

```

begin
ldx ina
ldy inb
ldb #return
imp ildsink.$ start "
postamble:
end
/* subroutine body
subrblock dsink
symbol return--0, length=1, ptr--2,, outvector1=3;
duration 0;

```

```

begin
lda B
add #outvector1-return
add [B+length]
CMP [B+ptr]
jle DONE
ldf [B+ptr]
stx...

```

```

...value into output vector 'until full.
When reset input becomes >= 0,5. reset output buffer pointer to start ;
also clear DONE output (set to 0,0)o
When output vector is full, signal by setting...

```

```

...ptr = outvector1;
micro variable outvector1[%length];
micro variable outvector2[%length];
duration 14; total lines of code: 20

```

```

begin
lda ptr use A register for full check
cmp #outvector1+%length-1
igt NO STORE
ldb pt...

```

```

...cmp #0.5 reset threshold
jit SET DONE jump if not reset
lda #outvector1 set pointer to start of vector
...micro variable outvector1[%length];
micro variable outvector2[%length];
duration 6+16; total lines of code: 6 + 23

```

```

begin
45
SUBSTITUTE SHEET
ldx ina i84
ldy inb
lda reset
ldb #return
imp ildsinkrd.$ start "
postamble:
sta done
end

```

```

/* subroutine body
subrblock dsinkrd
symbol return--0.. creset=1, length=2,, ptr- outvector1=4;
duration 0;
  begin
sta [B+creset]
lda. B
add #outvector1-return
ldf A temp register: address of outvector1[0]
add...SPROC output (Microprocessor input) visibility tag,
inline code
asmblock ext-out %subr--default micro in
duration 0;
  begin
end
13- q
SUBSTITUTE SHEET
Copyright (c) Star Semiconductor,, Inc. 1991. All Rights Reserved. This
material may...

```

```

...I to 512.1;
variable integer ptr = outvector;
micro variable outvector[klength];
SUBSTITUTE SHEET
duration 8; 189
  begin
ldb ptr
ldx in
lda ptr
add #1
cmp #outvector+%length
igt DONE
stX (B)
sta ptr...
...return=postamble;
variable integer length=%length;
variable integer ptr=outvector;
micro variable outvector[%length];
duration 3+10;
  begin
ldx in
ldb #return
imp llsink.$ start "
postamble:
end
/* subroutine body
subrblock sink
symbol return=0, length=1. ptr=2, outvector=3;
duration 0;
  begin
lda B
add #outvector-return
add [B+length]
cmp [B+ptr]
jle DONE
ldf [B+ptr]
stx...value into output vector until full.
When reset input becomes >= 0.5, reset output buffer pointer to start ;
also clear DONE output (set to G.o).
When output vector is full, signal by setting DONE...

```

```

...512.1;
variable integer ptr = outvector;
micro variable outvector[%length];
duration 12; total lines of code: 18
  begin
lda ptr use A register for full check

```

```

cmp #outvector+%length-1
igt NO STORE
ldb pcr...

...CMP #0.5 reset threshold
jit SET DONE jump if not reset
lda #outvector set pointer to start of vector
sta ptr
CIR-DONE:
lda #0.0 clear done flag; vector being assembled
imp WRITE...

...variable integer ptr--outvector;
micro variable outvector(%length);
duration 5+13; total lines of code: 5+20
begin
SUBSTITUTE SHEET
ldx in
ldy reset
ldb #return
imp "sinkrd,$ start "
oostamble:
sta done
and
/* subroutine body
3ubrblock sinkrd
symbol return7 length=1,, ptr- outvector--3;
:duration 0...

...0.5 reset threshold
jit SET DONE jump if not reset
stf [B+p7tr] set pointer to start of vector
imp CIR DONE
SET-DONE:
lda set done flag, vector is full
imp EXIT-SUB...read input indirect with ptr to current address
store input to out
increment pointer; wrap address to beginning if necessary
Note that the subroutine version is slightly more complication
but performs the same function.
inline...

...ftlenamelt
timezone. tzone = %rate;
computeline -%trigger;
variable integer ptr = invector;
micro variable invector[%length] tfile;
duration 9;
begin
ldb ptr
ldx [B]
stx out
lda. ptr
add #1
CMP #invector+Ulength
jit done
lda. #invector...

...postamble;
variable integer length=length;
variable integer ptr--invector;
micro variable invector[tlength] tfile;
duration 3+14;
begin
ldb #return
imp llsource4start"
postamble:
stX out

```

```

end
/* subroutine body
subrblock source
symbol return7 length=1,, ptr--2,, invector--3;
duration 0;
  begin 43
SUBSTITUTE SHEET
ldf [B+ptr]
ldx [F]
lda B
add #invector-return
ldy A temporary register...Work and Prev are updated */
void insert(node-type *item, node-type **head)
I
node.type *work;
/* start at beginning of list
if (*head) /* insert item at end of list
SUBSTITUTE SHEET
while (work->next) 9 8...

...modify Prev-hdL to insertion point
/* return TRUE if match; traverse by sibling
:her *make-name(char * start , char *end)
I
int ten;
char *name;
Len end - start ;
name emalLoc((size.t)(Len+1));
strncpy(name, start , ten);
name[len] = '%0';
return(name);
/* end of make-name
void add-dot(char *text, char **end...module */
extern char * generate-name(void);
extern void show@
pragress(int *cnt);
extern char *make name(char * start , char @end);
extern void insert(nade-type *item, node-type "head");
extern void push
name(char *name...done-io-ance TRUE;
break;
case ORDINARY SECTION
/* convert these symbols into #defines *1
/* skip the ones beginning with *1
if (symbol-rec[D] != '-') j
symrec to define(symbol-rec);
show
pragress(&dot cnt);
break...

...turn
/* ALL but the Lost name are nodes
void parse-a
tine(char * symbol
rec)
I
char * start
ptr, *end-Ptr, *name;
node
type *item;
This-List w NULL;
/* remove non-C chars from name
make-VaLid.c-name(symbol
ree, "MA");
/* start off with both pointers at beginning
start
ptr = enO-Ptr = symbol-rec;

```

```

/* process the whole line
while ( start
ptr != NULL)
/* find next dot, if any
if ((end
ptr = strchr( start
ptr, NULL)
/* construct name */
name = make-name( start
ptr, end-Ptr);
/* point past this dot for next item
start -ptr = end-Ptr + 1;
/* create and fill in new node structure
/* item = create-node(name); */
item a...

...item, Phis-List);
also
/* no more dots, space signifies end of this name (teaf)
end@
ptr = strchr( start
ptr,
/* construct name
name = make-name( start
ptr, end-Ptr);
/* fill in node structure
/* item-Ptr = create-node(name);
item = amALtoc(sizeof(node
type...structure declaration
if (!Leaf && diff
struct)
/* different name must bubble up structure terminator
ctose-structs(Level, Published);
/* begin new structure, so assume not published
Published = FALSE;
C) '17
SUBSTITUTE SHEET
sprintf(Out.Line,11%n...

...nme(Last->name.str);
continue;
1@ if Leaf node, emit structure element
if (Leaf) C
1* always start with 60 spaces
space-count = 60;
/* output front part of declaration
strcpy(Out.Line, "Xn");
add
output...SUBSTITUTE SHEET
unsigned Long temp-Long;
temp-Long = chars2Long(&symbol
reo[PATTERN-SYM-COL]);
return(temp-Long);
/* end of symrec2pattern
int symrec2fmt(unsigned char * symbol
rec)
int ret
val;
/* pick out char
ret
val = symbol...

...rec)
unsigned int ret-val;
ret-val z chars2int(&symbol
rec[ADDR-SYM-COL]);
return(ret-val);

```

```

/* end of symrec2addr
unsigned long chars2long(char *field)
I
unsigned Long ret-val;
char tempstr[7];
int i;
unsigned char byte[3];
/* pick out chars of field
strncpy(temp
str, field, 6);
/* make null terminated string for conversion
temp.str[6] = '
0';
/* convert to value
for (i=0; i<3; i++)
byte...

...ret-val = (((unsigned Long)byte[0]) << 16)
+ (((unsigned long)byte[1]) << 8)
+ (byte[2]);
return(ret.val);
/* end of chars2Long
o2.3
SUBSTITUTE SHEET
int chars2int(char *field)
C
int rat-val;
char temp
.ptr...
...i;
unsigned char byte[Z];
pick out chars of field
strncpyCtemp
.str, field, 4);
/w make null terminated string for conversion
temp
.str[4] = @10';
/* convert to value *1
for (i=0; i<Z; i++)
byte[i] = aschex2char(&temp
.str[i*2]);
/* convert to value */
must cast to unsigned int to stop sign propagation
ret-Y&L = (((unsigned int)byte[0]) << 8)
+ (((unsigned int)byte[1]) << 8)
return(ret.val);
/* and...

...toupperC*hlgh
byte);
if (c < W)
val += e - '0';
else
val += a - 'A' + 10;
hightQbyte++;
return(val);
/* end of aschex2char *1
void copy
.@Longj@sdata (spree-datum * dest, unsigned Long * sro)
dast-Ai w (unsigned...List args;
t rat val;
1* initialize the variable List pointer to point to first element
va.start (args, format);
ret@
yal = vfprintf(stream, format, args);
if (ret.vat < 0) I
fprintf(stdarr,

```

```

11\nERROR. -- EFP001. File output error do you have a disk space
Left?");
exit(-1);
va- end (args);
return(ret.vat);
4"
SUBSTITUTE, SHEET
1@
.41

4 4jr
APPENDix L)
4@*
X.
f
SUBSTITUTE...FILE *stream, char *format,
ioiD displayBanner(char *version);
300LEAN make
a@
record(char **in-buf-ptr, char end
ptr);
J00LEAN make.records(char *in
buf, int in
buf-Len);
toID apply.
daFauLt-extension(char *fname...

...unsigned char *str, unsigned char data-byte);
ioiD correct.bLocking.info (int Len, int buf-row, int start -address);
/* .....
1* gLabal variabLes */
(* .....
)num [ BOOT-ROM, Sl-FILE ) Made = Sl-FILE;
f* starting Locations with respect to this program
idefine CODE START ADDRESS OX0
idefine CONTROL-BASE-ADDRESS OX400
'define CONTROL START ADDRESS OX410
tdafine DATA BASE ADDRESS OX800
'define DATA START ADDRESS OX814
tdefine CONTROL-LENGTH OXFO
'define ROW-SIZE ( (SPROC.TOTAL-SDATA / SDATA-PER-SREC) + 2
1* allow for start and end records ----- A */
'define COL- SIZE-SMI ((SDATA-PER-SREC*(2 +4 + CHARS-IN-SDATA)) + 2
fiLL byte...

...name[FILE NAME@ ENgTHJ;
L
300LEAN Quiet-mods a FALSE;
-har Version[] 'Wevision: 1.15 $1,
Ydefine START RECORD "30030000FC
n"
.....
/* code section *1
.....
w. S
.har cmd-s - tr[] = 11ehPqSz11;
int main(int arga...file-SMI
name);
if (Make-extra.files)
printf(11 and extra files");
printf(11.Xn");
/* put appropriate start record into file
strcpy(Out-buf.S1[Row.S1++], START
RECORD);
/* put start Lines into SMI file
if (Make.SMI.file) C
strcpy(record, 11/* Generated by makeLand.exe $Revision...

```